

<210> 9823  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

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 ttttttgcag ttttagtaga gacggagttt caccatgttg gccaggctgg tctcgaactc 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 9825  
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 <212> DNA  
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<210> 9827

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<211> 438  
 <212> DNA  
 <213> Homo sapiens

<400> 9827  
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 <211> 460  
 <212> DNA  
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 gtcccatgaa agatggattt tatttcagta tatgagcaat gtgaagttct gttttagctt 360  
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 <212> DNA  
 <213> Homo sapiens

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 cggaatacat attcatggcc ttctagcaat ttgggaatcg tgtacgtgca ctcccttaggt 420  
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 <212> DNA  
 <213> Homo sapiens

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 cagctcactg caamctctgc ctcccagggt ggagggatcc ttgtccctca gcctcccagag 180  
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acctcagcac	tgttttcttc	ttatatggta	tttatatata	tgtcttgcaa	ttttatgggt	360
acttaatatc	acacattatg	tgtgatatta	aggtaacata	attcatttag	ctaa	414

<210> 9831  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

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caaaactngtt	ttcttaactg	cttaaaaaat	agaattagtt	gtgttgatc	tttgcatgtc	240
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<210> 9832  
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 <212> DNA  
 <213> Homo sapiens

<400> 9832						
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aagttccsgg	gcaccatcgg	ggteccagtc	tctgttagt	tttgaggga	gggagggtt	180
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<210> 9833  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<400> 9833						
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<210> 9834  
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 <212> DNA  
 <213> Homo sapiens

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gcattgtgga	gagtgttatg	atctagtcca	gggacctggg	cttggtgccc	atgtgtgtgt	180

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 <212> DNA  
 <213> Homo sapiens

<400> 9835						
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gtgacggagt	ctcactctgt	tgccaggctg	gagtacaatg	gtgccatctt	gactcactgc	240
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<210> 9836  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 9836						
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<210> 9837  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 9837						
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ttaagggacc	taagacaggc	aggagggaga	aatacaaaagt	atagcgcttg	ggtggcatat	360
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<210> 9838  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<400> 9838						
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&lt;210&gt; 9839

&lt;211&gt; 407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9839

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&lt;210&gt; 9840

&lt;211&gt; 260

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9840

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geactgtcat	tcctttatca	ctagttagttg	cctggtgggt	ttgctccatt	tgctcctaca	180
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&lt;210&gt; 9841

&lt;211&gt; 435

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9841

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&lt;210&gt; 9842

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9842

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 <212> DNA  
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<400> 9845						
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 <212> DNA  
 <213> Homo sapiens

<400> 9846						
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 <212> DNA  
 <213> Homo sapiens

<400> 9847  
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<210> 9848  
 <211> 186  
 <212> DNA  
 <213> Homo sapiens

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<210> 9849  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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452

<210> 9851

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<212> DNA

<213> Homo sapiens

<400> 9851

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<210> 9852

<211> 279

<212> DNA

<213> Homo sapiens

<400> 9852

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taaatcgaag	tttkccta	agtatcaggt	tttgatacgt	cagtgggtcta	aaatgctata	180
gtgcaattac	tagcagttac	tgacacggagt	gcaccgtgcc	aataagaggac	tgTTTgtttta	240
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<210> 9853

<211> 300

<212> DNA

<213> Homo sapiens

<400> 9853

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tcctagtctc	cttctctctc	atcctctgta	ccttggtgtc	cttttcccat	ttctgatttt	180
tgtatccagg	agtttctgat	ttttgccttt	tgagttttgt	ttcttaaact	aagtggagct	240
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<210> 9854

<211> 256

<212> DNA

<213> Homo sapiens

<400> 9854

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tatatatrTT	taanagacct	gtatgatttt	tttcttcttg	gaacttattt	ttttgagaga	180
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<210> 9855

<211> 409

<212> DNA  
<213> Homo sapiens

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tgggagaaac agaaagccag ctagccctgg aacccttct aagatcgtca tccaccagc 360  
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<210> 9856  
<211> 335  
<212> DNA  
<213> Homo sapiens

<400> 9856  
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gagactgcc acccaggaag tctgggtggc tggggatttg gtgggtctgc tccttagcag 180  
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actctgggtc ccagaataac tcattaadgg gcctt 335

<210> 9857  
<211> 204  
<212> DNA  
<213> Homo sapiens

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<211> 181  
<212> DNA  
<213> Homo sapiens

<400> 9858  
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c 181

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<211> 417  
<212> DNA  
<213> Homo sapiens

<400> 9859  
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gactatagaa	caaggggttg	catttgagct	gggccagggc	aacctctttg	ataaacaacc	360
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<210> 9860  
 <211> 493  
 <212> DNA  
 <213> Homo sapiens

<400> 9860	
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tttataattt	acaaagtcca
gataatccat	ttttwttgtt
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<210> 9861  
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 <213> Homo sapiens

<400> 9861	
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<210> 9862  
 <211> 170  
 <212> DNA  
 <213> Homo sapiens

<400> 9862	
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<210> 9863  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 9863	
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aatggcacia	tctcggttta	ctgcagtttc	cacctcctgg	gttcaagtga	ttctcctgct	300
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<210> 9864  
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 <212> DNA  
 <213> Homo sapiens

<400> 9864						
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<210> 9865  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<400> 9865						
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tctacttttc	atacagaatt	gccctyagkt	ycwagaacag	tcacttttgt	gaaccaggtc	180
caattgcctg	gcattccatg	gcaaataatt	gaaaggagg	atcctaggag	gaaaagacta	240
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<210> 9866  
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 <213> Homo sapiens

<400> 9866						
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gcagctttac	cattttacat	ttccaccagc	aatgcatgag	ggtttaaat	tctccacacc	240
ctctccaaca	cttggtattg	tctgtctttt	tgattgtagt	catcctagtt	gggtgtgaagt	300
ggtatttcat	tgtgggtttt	atttgwnkt	ccctgatagc	taatgatgtt	gaacatcttt	360
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tct						423

<210> 9867  
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 <212> DNA  
 <213> Homo sapiens

<400> 9867						
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cagtatctag	ggagamccac	raagggaatac	cacgaaggaa	tttatgtctc	agtgtctgcc	180
ataatttgc	tgagaaggaa	tctgttaaat	aaaagctttt	atcctctaac	ctttaccttc	240
atcagacctt	ataaaaaggtc	aaatggtgat	tcttaagtgt	tttagtcaca	aatcttactt	300

attcagtatt	agtgcgaaga	gtagaatact	ttcaagtaag	cctaaactta	catgaaaaca	360
aattacataa	atctagctct	gagaatagga	aattgggtgac	aagatcaatc	tgtaagatgt	420
tgagcactta	tctgaagtaa	atgggtaatg	agdttcacat	cttataaata	caagtttagca	480
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<210> 9868  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 9868						
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tgtaagtggc	aaagccagtg	tccaaattta	ggtactggaa	acggcaaagg	cctgtggcct	300
cragccagk	ggtacccaaa	gtagtccatc	tgccgattgt	tcttgttctg	tgatgagata	360
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<210> 9869  
 <211> 198  
 <212> DNA  
 <213> Homo sapiens

<400> 9869						
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gaggggcgtg	gtgtcctggg	gctccgactc	cttccgcagg	ctccttgga	cccgcggttc	180
cgggagtccc	ttgctcag					198

<210> 9870  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 9870						
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tcttttttcc	cctcttecta	ttgcctcatg	ttttgctctc	caactactaa	gaattatttg	120
tagttgtttt	gtatatacaa	tacatttctt	caggtctgtg	cttttgctcc	tgcaagaagcc	180
accgccaccc	caaccccagt	ttgcagaact	ctaaatttca	gcttcttacc	tcccctaaga	240
gggttatcat	gcccttctag	gttggtctcta	ggtgtctgcc	ccccgann		288

<210> 9871  
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 <212> DNA  
 <213> Homo sapiens

<400> 9871						
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tggaaggaa	agagcagatc	tgtgattctg	ttgtttacat	ctcagaattg	tggtttgtga	180
atagttttga	aatttttctt	atagttttgg	gagaaatttg	ttaacggaat	ttttaaggat	240
tataggacag	cacaaaataa	tttctcttgt	ttagatgcta	gt		282

<210> 9872  
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 <212> DNA  
 <213> Homo sapiens

<400> 9872  
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 <213> Homo sapiens

<400> 9873  
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<210> 9874  
 <211> 441  
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 <213> Homo sapiens

<400> 9874  
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 gagccactgt gccagccttc agatgagttt tgagatcaga gcataataat aaatgaatca 360  
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 gggtacattt acaagacttg t 441

<210> 9875  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 9875  
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 cactctcttg gtaatgttct ttgatgcccc aagtgtctaa tttttctgaa gtcaaatttt 480  
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<210> 9876

<211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 9876  
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 gcacaatgtg caggtttggt acatatgtat acatgtgcca tgttggtgtg ctgcacccat 240  
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<210> 9877  
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 <212> DNA  
 <213> Homo sapiens

<400> 9877  
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 <211> 465  
 <212> DNA  
 <213> Homo sapiens

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<210> 9879  
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 <212> DNA  
 <213> Homo sapiens

<400> 9879  
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 taagccccag aagtctaattg cc 142

<210> 9880  
 <211> 247  
 <212> DNA  
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 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<400> 9881  
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 tgtgaataac ncgchtgcc 259

<210> 9882  
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 <212> DNA  
 <213> Homo sapiens

<400> 9882  
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 <211> 462  
 <212> DNA  
 <213> Homo sapiens

<400> 9883  
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 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 9884  
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 <213> Homo sapiens

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 <212> DNA  
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<210> 9887  
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 <212> DNA  
 <213> Homo sapiens

<400> 9887						
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&lt;210&gt; 9893

&lt;211&gt; 326

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9893

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&lt;210&gt; 9894

&lt;211&gt; 426

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9894

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&lt;211&gt; 159

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9895

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&lt;210&gt; 9896

&lt;211&gt; 238

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9896

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 221

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 9920

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<211> 285

<212> DNA

<213> Homo sapiens

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atatacgtct	tstktttkta	ttttatttta	tttgagacga	gtctcgctct	gtcgctaggg	180
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<211> 457

<212> DNA

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 <212> DNA

<213> Homo sapiens

<400> 9926

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<210> 9927

<211> 221

<212> DNA

<213> Homo sapiens

<400> 9927

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tgtraaaaaat	atagtcctga	aaattttcct	tatcgccgwg	gcccggggat	gggagtccat	180
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<210> 9928

<211> 150

<212> DNA

<213> Homo sapiens

<400> 9928

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<210> 9929

<211> 373

<212> DNA

<213> Homo sapiens

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cacargtaaa	gttcttgact	gttctttcat	taagcaaaaa	acatgaagct	ttttcttttc	180
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<210> 9930

<211> 194

<212> DNA

<213> Homo sapiens

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agttctcagt	agatttccat	gaaaagtcct	tggccaccct	ggaagaggca	tactgnctgt	180



cctacccccca ccat

194

<210> 9931

<211> 183

<212> DNA

<213> Homo sapiens

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<210> 9932

<211> 323

<212> DNA

<213> Homo sapiens

<400> 9932

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<210> 9933

<211> 137

<212> DNA

<213> Homo sapiens

<400> 9933

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<210> 9934

<211> 439

<212> DNA

<213> Homo sapiens

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cactttggga	ggccgagggg	gtgggtcatt	tgaggtcagg	agtttgagac	cagtctggcc	300
aacatgatga	aacctgtctt	ctactaaaag	tacaaaaatt	aggctgggac	agtgggtcac	360
acctgtggtc	ccagcacttt	gggaggctga	ggagggtggat	cacgaggtca	ggagtttgag	420
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<210> 9935

<211> 225

<212> DNA

<213> Homo sapiens

<400> 9935

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tcattggctga	actgggtgaa	gcacctgtcc	cagcatctgt	gggctccacc	tctggggcctg	180
ccaccacacc	cctggccagc	gcacctcgtc	ctgctgcccc	cgcct		225

<210> 9936

<211> 262

<212> DNA

<213> Homo sapiens

<400> 9936

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ctgaagggtt	tggtgatgg	agaagccctc	tcacaacatt	ccagtccctg	gcccactagg	180
gcatccctc	ttacctgtgc	aaataaaagt	cctagttgat	tcaggcccat	acatggttta	240
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<210> 9937

<211> 344

<212> DNA

<213> Homo sapiens

<400> 9937

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cacgtgggttc	aagccctccc	tgagacagat	ggtagtacag	aatgggtatgt	ggtatgatgt	300
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<210> 9938

<211> 352

<212> DNA

<213> Homo sapiens

<400> 9938

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<210> 9939

<211> 218

<212> DNA

<213> Homo sapiens

<400> 9939

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ggtggagtct acagaggcag gcaggcctcc ttgaactgcg gtgggctcca ctgacctcga 180  
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<400> 9940  
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<212> DNA  
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<212> DNA  
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<213> Homo sapiens

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199

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<211> 313  
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tgtccatcaa agacgatgaa taaaaaccac ccaagttcaa tttgttcggc aagatctcgg 240  
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<400> 9948  
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<211> 272  
<212> DNA  
<213> Homo sapiens

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mccagcattc tactctctac ttgtgtgagt tcaacttttg tagattgtac atgtgaatga 180  
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cactgtcacc caggctggag tgcagtgggt taatctcagc tcaactgcaac ctccacctcc 180  
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245

<211> 154

<212> DNA

<213> Homo sapiens

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<210> 9954

<211> 142

<212> DNA

<213> Homo sapiens

<400> 9954

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<211> 291

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<213> Homo sapiens

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aagtgcacct	cagtgacctt	ttactgatgt	atatagtttc	atgtcaactac	caccagaac	240
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<211> 224

<212> DNA

<213> Homo sapiens

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<211> 252

<212> DNA

<213> Homo sapiens

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and the role of the accounting department in ensuring the integrity of the financial statements.

2. The second part of the document outlines the various methods used to collect and analyze data, including surveys, interviews, and focus groups.

3. The third part of the document describes the results of the research, highlighting the key findings and the implications for the organization.

4. The fourth part of the document provides a detailed analysis of the data, including a comparison of the results with previous studies and a discussion of the limitations of the research.

5. The fifth part of the document offers recommendations for future research and suggests ways in which the organization can improve its performance based on the findings.

6. The sixth part of the document concludes the report and summarizes the main points discussed throughout the document.

7. The seventh part of the document provides a list of references and sources used in the research.

8. The eighth part of the document contains a glossary of terms and definitions used throughout the report.

9. The ninth part of the document includes a list of appendices and supplementary materials.

10. The tenth part of the document provides a list of figures and tables included in the report.

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**Abstract** The purpose of this study was to determine the effect of a 12-week training program on the heart rate (HR) and heart rate reserve (HRR) of sedentary middle-aged men. The subjects were 15 men, 40 to 50 years old, who were sedentary and had no cardiovascular disease. They were randomly assigned to a 12-week training program or a control group. The training program consisted of 3 sessions per week of aerobic exercise at 60% to 70% of the maximum HR. The control group did not exercise. The HR and HRR were measured at rest and during maximal exercise at the beginning and at the end of the 12-week period. The results showed that the training program significantly increased the HR and HRR at rest and during maximal exercise. The control group showed no significant changes. The results suggest that a 12-week training program can improve the cardiovascular fitness of sedentary middle-aged men.

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 <211> 228  
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aataccaagt	tcttgagat	tactctttgg	cagtgggtct	ccccctgcac	ttttctgatc	180
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tatatattgca	ttttgatatt	atttaagctc	catgtacaag	gttttgcatt	tatttatatg	180
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<213> Homo sapiens

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ctttaataac	aactagttca	aagactctgg	gcagactttt	gctctttttg	cctccctgta	180
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<211> 389

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 10014

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<211> 356

<212> DNA

<213> Homo sapiens

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<210> 10016

<211> 261

<212> DNA

<213> Homo sapiens

<400> 10016

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cacgggtgcct	ggcctncaag	acccttataa	gaaagctggt	tttttctttc	tggaaacctt	180
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<211> 322

<212> DNA

<213> Homo sapiens

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<211> 234

<212> DNA

<213> Homo sapiens

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ggttccatct	cctttttatt	ggtgggtttc	ctcatctgct	tgdtcggctt	tctgccatct	180
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<211> 470

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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gactaagcaa	cttctcattt
ttgtctgctt	cgatcacagt
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&lt;210&gt; 10025

&lt;211&gt; 313

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10025

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&lt;210&gt; 10026

&lt;211&gt; 281

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10026

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&lt;210&gt; 10027

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10027

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&lt;210&gt; 10028

&lt;211&gt; 335

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10028

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335

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<212> DNA

<213> Homo sapiens

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<211> 338

<212> DNA

<213> Homo sapiens

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<211> 360

<212> DNA

<213> Homo sapiens

<400> 10031

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<211> 198

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<400> 10037  
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 caagtaatta aaacaaatcc ttataaatgt ttcatttktt tttkctkctt agttagagga 180



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atcctgtaaa	gtcacacgcc	tgaagaaaca	acaaaaagtc	cattacttaa	agacatgata	180
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<213> Homo sapiens

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<210> 10043

<211> 253

<212> DNA

<213> Homo sapiens

<400> 10043

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<210> 10044

<211> 335

<212> DNA

<213> Homo sapiens

<400> 10044

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cacttttcagt	tgtaaaaact	ggatgtaggg	tgatactggc	atctagtggg	taaagggaca	180
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attatctggc	ccaaaatgtc	attgggtgctg	aggttgagaa	actgtattcc	aaaagabagt	300
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<210> 10045

<211> 245

<212> DNA

<213> Homo sapiens

<400> 10045

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tgcttgcttc	ctatggagtc	ataatattct	cagttaggta	ccgtgctgct	agtcgaccc	180
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<210> 10046

<211> 303

<212> DNA

<213> Homo sapiens

<400> 10046

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agc 303

<210> 10047  
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aatcaactgc cctgcttc 138

<210> 10048  
<211> 369  
<212> DNA  
<213> Homo sapiens

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cggaaccctt agtggtatctt tgtawgagca ccagcagaaa aagagcaaaa ggtctcatcc 360  
aatcagtca 369

<210> 10049  
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<212> DNA  
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taattatttt tttttcctga agctctttct ctcccttcag aatcttatct tggctttgga 240  
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<211> 190  
<212> DNA  
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<211> 378  
<212> DNA  
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<210> 10052  
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 <212> DNA  
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<400> 10055

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aggaaataca	tccaaaaagt	tagcattgga	gtgttagaaa	ctagaataga	cctctccgcc	360
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&lt;210&gt; 10056

&lt;211&gt; 349

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10056

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&lt;210&gt; 10057

&lt;211&gt; 382

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10057

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&lt;210&gt; 10058

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10058

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ttcaagcgat	tctcctgcct	cagcctcctg	agtagctggg	actacaggca	cacgctgcca	180
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&lt;210&gt; 10059

&lt;211&gt; 170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10059

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ctgcatccct tctgtccctc caccgcgtccc ctccccacc ctctgaccta

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<212> DNA

<213> Homo sapiens

<400> 10060

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<210> 10061

<211> 172

<212> DNA

<213> Homo sapiens

<400> 10061

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<210> 10062

<211> 182

<212> DNA

<213> Homo sapiens

<400> 10062

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gc						182

<210> 10063

<211> 448

<212> DNA

<213> Homo sapiens

<400> 10063

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<211> 132  
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 <212> DNA  
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<210> 10069

<211> 301

<212> DNA

<213> Homo sapiens

<400> 10069

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<210> 10070

<211> 144

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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gatttgtgaa	acagcntctg	tgaaaatgct	catggaaaaa	aggcccttgg	gctaattgaga	300
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<211> 415

<212> DNA

<213> Homo sapiens

<400> 10072

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<210> 10073

<211> 259

<212> DNA

<213> Homo sapiens



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&lt;210&gt; 10074

&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10074

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&lt;210&gt; 10075

&lt;211&gt; 229

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10075

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&lt;210&gt; 10076

&lt;211&gt; 338

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10076

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&lt;210&gt; 10077

&lt;211&gt; 302

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10077

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ggtg 184

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<212> DNA  
<213> Homo sapiens

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<211> 391  
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 caaatttgtm aaataaraca taagtcattt atgggtcagt acattctgtg aaatactata 240  
 taaccattaa raaatgtata aatgtggcca gc 272

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 ctggcaggca cctctttgag agtagctgtg gtcagagctg tttggctcgt gcattatggt 180  
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&lt;210&gt; 10087

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10087

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&lt;210&gt; 10088

&lt;211&gt; 335

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10088

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&lt;210&gt; 10089

&lt;211&gt; 346

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10089

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&lt;210&gt; 10090

&lt;211&gt; 308

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10090

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308

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<211> 339

<212> DNA

<213> Homo sapiens

<400> 10091

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gggtttcacc	atattggcca	ggctggtctc	aaactcctga	ccttagatga	tccaccgcgc	300
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<211> 149

<212> DNA

<213> Homo sapiens

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<210> 10093

<211> 192

<212> DNA

<213> Homo sapiens

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aaactcttct	ggaccaggag	agccaaccca	gatcccacta	cctccatgag	tgctacagac	180
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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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 <212> DNA  
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<210> 10104  
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<212> DNA  
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<212> DNA

<213> Homo sapiens

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<211> 356

<212> DNA

<213> Homo sapiens

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<211> 383

<212> DNA

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383

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&lt;212&gt; DNA

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&lt;210&gt; 10122

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10122

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10123

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&lt;210&gt; 10124

&lt;211&gt; 133

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10125

&lt;211&gt; 309

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10125

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<212> DNA

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<212> DNA

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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&lt;210&gt; 10148

&lt;211&gt; 255

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10148

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&lt;210&gt; 10149

&lt;211&gt; 149

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10149

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&lt;210&gt; 10150

&lt;211&gt; 353

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10150

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&lt;210&gt; 10151

&lt;211&gt; 393

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10151

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[illegible]

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g c c g c c g c c g   c t g c c g g a g a   a a g a g c a c g a   g c g g g g a a g c   c c c a s a g k g a   r a t c k a g g c a   120
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&lt;210&gt; 10162

&lt;211&gt; 379

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10162

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&lt;210&gt; 10163

&lt;211&gt; 235

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10163

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&lt;210&gt; 10164

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10164

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&lt;210&gt; 10165

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10165

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<212> DNA

<213> Homo sapiens

<400> 10166

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<211> 319

<212> DNA

<213> Homo sapiens

<400> 10168

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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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tgtttttagt ttctttcttg gttattgctt ttagtaatgt attcatctt tatttcttgt 240  
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<213> Homo sapiens

<400> 10193

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cttaattttt gtaactgtat ttttagttccc attagccaag ctctctttcc ccgttctcca	180
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<211> 139

<212> DNA

<213> Homo sapiens

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<212> DNA

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<211> 171

<212> DNA  
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&lt;211&gt; 152

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10208

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&lt;211&gt; 272

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10209

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&lt;210&gt; 10210

&lt;211&gt; 170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10210

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&lt;210&gt; 10211

&lt;211&gt; 440

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10211

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440

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<213> Homo sapiens

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<211> 340

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<213> Homo sapiens

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<211> 146

<212> DNA

<213> Homo sapiens

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<211> 201

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 10217

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10217

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&lt;210&gt; 10218

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10218

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&lt;210&gt; 10219

&lt;211&gt; 397

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;211&gt; 251

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10220

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&lt;211&gt; 177

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<213> Homo sapiens

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&lt;210&gt; 10238

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10238

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gccaaaaata	ag					192

&lt;210&gt; 10239

&lt;211&gt; 143

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10239

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cgcttcacgc	cagtaggaat	ggc				143

&lt;210&gt; 10240

&lt;211&gt; 471

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10240

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&lt;210&gt; 10241

&lt;211&gt; 220

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10241

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<210> 10248  
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&lt;210&gt; 10251

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10251

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&lt;210&gt; 10252

&lt;211&gt; 182

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10252

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aa						182

&lt;210&gt; 10253

&lt;211&gt; 407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10253

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&lt;210&gt; 10254

&lt;211&gt; 346

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10254

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ctttgaatgt	tagtgaatac	tgtgtgccta	gaggaaaccg	tagcggttcc	gcgttaggca	420
cacagtatta	gaggcaccgc	tgcccagtga	cacatgt			457

<210> 10256  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<400> 10256						
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gctgccctgc	gctcggcggg	ctggcatccg	gcccggggga	aagcggacca	gcccttctgc	120
aggtctgcgg	ggccaagtgt	cccggcggcg	cacctcgtgg	cgagaatcgg	gagaaggagg	180
agactacaag	gataggccca	ggagtaatgg	agtccaaaga	gaaacgagca	gtaaacagtc	240
tcagcatgga	aaatgccaac	caagaaaatg	aagaaaagg			279

<210> 10257  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 10257						
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gctgccctgc	gctcggcggg	ctggcatcgg	gcccggggaa	agcggasagt	agttcggtgt	120
agcactgttt	gcggcgagga	gaaaggaagg	agaggagaaa	actgcactgg	atcaaggagg	180
tcttcccata	ggcctgcagt	agggctgttt	accattggaa	gcaagggaaa	gaggaggaga	240
tcaatctaga	agcatggaga	tctgcctgca	tgtctgctgc	agggcttaag	atcacggg	298

<210> 10258  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 10258						
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ccgtcgctcg	ctcccttctc	ggcagtggtg	cctgttcccg	gtgtccctga	ggacgtgcgg	120
gccaggtttg	cggggccaag	tggtgcggcg	acgcacctca	cgtcgagaat	cgaggaggag	180
agactrcaag	gataggccca	ggagtaatgg	agtccaaaga	ggaacgagcg	ttaaacaatc	240
tcatcgtgga	aaatgtcaac	caggaaaatg	atgaaaaaga	tgaaaaggag	caagttgcta	300

ataaagggga gcccttgcc ctaccttga atgttagtga atactgtgtg cctagaggaa 360  
accgtagcgg ttccgcgtta ggcacacagt attagaggca ccgctgcca gtgacacatg 420  
t 421

<210> 10259  
<211> 451  
<212> DNA  
<213> Homo sapiens

<400> 10259  
gacaacagcc acacgtgatc ggccaacact gactcttacc tcgttgtggc gtcakaaccg 60  
ccgtcgctcg ctcccttctc ggcagtggtta cctgttcccgt gtgtccctga ggacgtgcgg 120  
gccaggtacg gcccttctt gatgcagaaa atggttgttt gcggggccaa gtgttgccggc 180  
gacgcacctc acgtcgagaa tcgggaggag gagactrcaa ggataggccc aggagtaatg 240  
gagtccaaag agaacgagcg ttaaacaatc tcatcggtga aaatgtcaac caggaaaatg 300  
atgaaaaaga tgaaaaggag caagttgcta ataaagggga gcccttgcc ctaccttga 360  
atgttagtga atactgtgtg cctagaggaa accgtagcgg ttccgcgtta ggcacacagt 420  
attagaggca ccgctgcca gtgacacatg t 451

<210> 10260  
<211> 118  
<212> DNA  
<213> Homo sapiens

<400> 10260  
tgtttatact tggcctcttc tgcaagagga atctcttgaa aacaggggca cacagaaatt 60  
tgatttgtgg ccaaattgga tgaaaaagat gaggtcttaa ggaaatggtg gcatgaag 118

<210> 10261  
<211> 429  
<212> DNA  
<213> Homo sapiens

<400> 10261  
aacaaaagggt ggagctatga gcacagataa agactcaagt ctggggacct cctgggtcact 60  
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ctaccaacag ccaactgctca tgatggaggc catcaagaaa aagatgcaga tgctgaagtt 180  
agacaaggag aatgctcttg atcgggcaga gcaagctgaa gctgagcaga agcaggcaga 240  
agaaagaagt aaacagctgg aggatgagct ggcagccatg cagaagaagc tgaaagggac 300  
agaggatgag ctggacaagt attctgaagc tttgaaggat gcccaggaga agctggactg 360  
gcagagaaga ggctgctgat gctgaggctg aggtggcctc cttgaacgta grtccagctg 420  
gttgaagaa 429

<210> 10262  
<211> 497  
<212> DNA  
<213> Homo sapiens

<400> 10262  
atagcgtgga gtgacgggtgc caccgcggcg catgccctgt acagactttt ggggaactgg 60  
gtactgatga acccgaacag gaggttgctt tggttttaat tctactacta ctgggtgcatg 120  
atttacagct aaaccagaat ctcatgcagt caccagggt ggagtgtaga agcatgatgt 180  
cggttcactg caacctctgc ctccctggtt cagagaggag tctgcaatgc cgagtggagg 240  
aaggaggaac cggagygyga gcagtagctg ggtgggcacc atggctggga tcaccaccat 300

cgaggcgggtg aagcgcaaga tccaggttct gcagcagcag gcagatgatg cagaggagcg 360  
agctgagcgc ctccagcgag aagttgaggg agaaaggcgg gcccggaac agaggtatga 420  
aggttattga aaaccgggcc ttaaaagatg aagaaagatg gaactccagg aatccaact 480  
caaagaagct aagcaca 497

<210> 10263  
<211> 631  
<212> DNA  
<213> Homo sapiens

<400> 10263  
atagcgtgga gtgacggtgc caccgcgccg catgccctgt acagactttt ggggaactgg 60  
gtactgatga acccgaaacag gagttgcttc tggttttaat tctactacta ctggtgcatg 120  
atttacagct aaaccagaat ctcatgcagt caccagggct ggagtgtaga agcatgatgt 180  
cggttcactg caacctctgc ctcttggttt cagagaggag kctgcaaygc cgagcggagg 240  
aggcaggaac cggagcgcca gcagtagctg ggtgggcacc atggctggga tcaccaccat 300  
cgaggcgggtg aagcgcaaga tccaggttct gcagcagcag gcagatgatg cagaggagcg 360  
agctgagcgc ctccagcgag aagttgaggg agaaaggcgg gcccggaac aggctgagggc 420  
tgaggtggcc tcttgaacc gtagatccag ctggttgaag aagagctgga ccgtgctcag 480  
gagcgcctgg ccaactgccct gcaaaagctg gaagaagctg aaaaagctgc tgatgagagt 540  
kagagaggta tgaaggttat tgaaaaccgg gccttaaaag atgaagaaaa gatggaactc 600  
caggaaatcc aactcaaaga agctaagcac a 631

<210> 10264  
<211> 542  
<212> DNA  
<213> Homo sapiens

<400> 10264  
agtttcttcc gggtcattga cagaagcgtc aattcctggg agtagttcgt tggttttctt 60  
tcccctcatc cttttgcctg ctcccgccga ggggtggctt tgatttcggc gatgagctcc 120  
cagaaaggca acgtggctcg ttccagacct cagaagcacc agaatacgtt tagcttcaaa 180  
aatgacaagt tcgataaaag tgtgcagacc aagaaaatta atgcaaaact tcatgatgga 240  
gtatgtcagc gctgtaaaga agttcttgag tmggcgtgta aaatacagca aatacaaacc 300  
attatcaaaa cctaaaaagt gtgtkaaagt tttacaaaag acagtgaagg attcttatca 360  
cataatgtgc aggccatgtg cctgtgaact tgaagtttgc gcaaaatgtg gaaagaaaga 420  
agacattgtt attccgttga ataaagraac agaaaaaata gaacatactg aaaataatct 480  
aagttccaac catagaagaa gctgcagaag aaatgaagaa agtgatgatg atttagattt 540  
tg 542

<210> 10265  
<211> 230  
<212> DNA  
<213> Homo sapiens

<400> 10265  
acatgtactt tgttaaagct ttatccttga acagtttttg taggggtataa tccctgtcaa 60  
agagggcaaa ggaatagaag tcaatggcct taatcaagtc agtcaaaaga tgaactgaaa 120  
aggggattag gatacctcta gtctaattct gttctgcctc acttgattga aaaaaaggtt 180  
tacactttta agaacctgac ccagcaagtc gttatgagac catcagagac 230

<210> 10266  
<211> 306  
<212> DNA



<213> Homo sapiens

<400> 10266  
ctttcaacag acgctcagtg agaaaaagat gtctgtgaag atcaagaccg attggtgtga 60  
atactgaagg gggctctcca cttgttaatg acccagaaac attcctgccg acttccagcc 120  
ttctctcatt tcttccattt ttctcttctt ctgttctgtg catgaactgg cacatcacta 180  
cttagagcag aagatatgct gggcttctga tgatggctgc actgcatgca gcgtgcaggg 240  
tcaaagacag cgggcccccc atgtcagtg tctaggatgg ccagtgaagg caccaacatc 300  
ccaagt 306

<210> 10267

<211> 332

<212> DNA

<213> Homo sapiens

<400> 10267  
tgagatgaca ttattgtctc cataattgag tgatagcttt aaaaaaaga ttagttttgc 60  
ttaagaagtt acgttacaac tgatcagccc tatatgaatt aactgatcag ccctatatga 120  
aacataagtt gtgttataac ttatcagccg tatatggaac ataaatagtt tctacctgct 180  
tgtaagagg aagctttaat ttggttctaa taaatacagt atggtagtga ttataggaat 240  
ccaggatgtt gaagaaatgg cataatgtct atattttgga aacagaaagg aaaagtcact 300  
taagatagta ttaagtaatt aaattcctan gt 332

<210> 10268

<211> 218

<212> DNA

<213> Homo sapiens

<400> 10268  
acataaaccc ttaaaccaccg aaattttgtt tcacaaaaac ttttcaaaaa gattataata 60  
ctattctaga acttgaaatc atattctctg ctcttaaaaa tatataagaa tncawtaata 120  
aggncaccag attgttagga aatcagttat gkgccactgg attatatagc agtttttgtg 180  
ccttctctcc tgtgttgga gcagccattg cagttttc 218

<210> 10269

<211> 275

<212> DNA

<213> Homo sapiens

<400> 10269  
gcgttcccag cccgggtccc cgcgttcaca gccccagcgc aggtctggat gtaccgactg 60  
cttttggaaat aaaaagattc ccaggatgtg agcaacacgg gaccgatatg atgcttcctg 120  
gtgtgttttag tggttggtgc cattccaatt ttctgtgctg aaatcattct gaaaactcaa 180  
acagtagact tcagcacaca aggaaagcca aagccatttg agggggaata aagccaaaag 240  
cctttcacct tattcgttcc aagaatctca ccacc 275

<210> 10270

<211> 138

<212> DNA

<213> Homo sapiens

<400> 10270  
agacatttgt ttcaaaccgc tgattgaggg agttcagggg ttggggggtg gcggttcttg 60  
cccagtttag cttgggatca acagctccaa caacgtgtcc aatcaacaac agcttgattg 120

taaaaagatt cctatagg

138

<210> 10271

<211> 407

<212> DNA

<213> Homo sapiens

<400> 10271

ttattgaata	ggcgcagaaa	gggagaaaaa	gattctacag	ccctggccac	agtactttgg	60
tgacactttt	cgtggggctc	tctggaggac	ttttcccaag	gcagatggag	aaaacttcgt	120
gaaacccact	ccttgctatt	aaaggaaatg	ttgtggaata	taattggact	taggttttgc	180
agagcttgag	catggccttt	ttgtcctccc	accttctggg	tcttgaagwc	attgccggtg	240
acctggyccc	agactaacac	aaggcgggcg	tataccgtca	gcctgcctgg	cgtccccttg	300
cctcagcaca	cacagagacc	tcttgcaaga	tgcttctctg	ccgccatagg	ctggagggtc	360
cccgggaact	ttcccttctt	tcttagctga	ggaagatccc	tcacttc		407

<210> 10272

<211> 939

<212> DNA

<213> Homo sapiens

<400> 10272

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taaagaggca	aacgtgggag	cgtgctcagg	cagaccacgg	tggtcagaag	ttgaattcgg	120
gccggaggag	gaggagtatc	aagaatagaa	agaaggctgt	cattttttgt	ctcagtgcag	180
acaaaaagtg	catcattgta	gaagaaggca	aagagatctt	ggttggagat	gttgggtgta	240
ccataactga	tcctttcaag	cattttgtgg	gaatgcttcc	tgaaaaagat	tgctcgctatg	300
ctttgtatga	tgcaagcttt	gaaacaaaaa	aatccagaaa	agaagagttg	atgttttttt	360
tgtgggcacc	agaactagca	cctctgaaaa	gtaaaatgat	ctatgcaagc	tccaaggatg	420
caattaaaaa	gaaatttcaa	ggcataaaaac	atgaatgtca	agcaaatgga	ccagaagatc	480
tcaatcgggc	ttgtattgct	gaaaagttag	gtggatcctt	aattgtagcc	tttgaaggat	540
gccctgtgta	gattattcag	tgccacaaat	tgaaagcttc	catgtttaat	gttatcctct	600
tgctatataa	ataaagcaaa	tatatattag	ccagggtctc	actgaggggg	agctgtcttg	660
tcattcttta	gagtaaaact	ttctataaac	atatgcaaac	agccctaaat	aatctarag	720
tctaaagttt	tattgatgtg	aaattaaatt	cttattggcc	aaatgcctgt	wtgatgagt	780
tgatttataa	agatttttgt	taagctcagg	attttaaatt	acacagttca	caaacagtaa	840
aggccatgtg	aagagaatta	ttacatcttt	attaacctca	gcatttactt	tgtttctttt	900
gcttaggaaa	ttgctcataa	tctgggtata	attttgggtc			939

<210> 10273

<211> 188

<212> DNA

<213> Homo sapiens

<400> 10273

gcgtcactca	gcgctgggtc	tctcggtccc	gcagccgtga	agaggacggt	ctgcatactc	60
gctgcccgcc	ggctccctcc	cccgcgtccc	tgcgaccgcc	gcggcgaaga	tgattttcag	120
ttcacccact	agaggcaaag	acgtaagaga	gctaccagcg	tattgagagg	agatacacag	180
gcactacg						188

<210> 10274

<211> 426

<212> DNA

<213> Homo sapiens

<400> 10274  
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 acatgacatt ctgccatctg tttttataat acataattac ttaacagctt acaggtgata 120  
 ctcaaataata gttggattcg ctgtcttact gcacccttct gcatccgcta gtcccatagg 180  
 tcaagactga tacagttctt atatttgtga gaaagaaagt ggaaaacaca aggtgggatt 240  
 acctgaccca gggtgaaaag gagtgcaaag aaaaagagaa gccctcctat gacactgaaa 300  
 cagatcctag tgagggtatt atgaatgttc taaagaaaat ttatgaagat ggagacgatg 360  
 atatgaagcg aaccattaat aaagcctggg tggaatcaag agagaagcaa gccaaaggag 420  
 acacgg 426

<210> 10275  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<400> 10275  
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 agccctttca ttgctaagac acctttttcac tgaggttctt accagctcag ccaaactctcc 120  
 actctgctat agcagaagca ataattgttg ctttaaaaag atttcttgac ctatgccttt 180  
 tcttagaaaag tttgatagat tagttagaac ttcagatcat cagatcagtc tcaaattgggt 240  
 ttcttggaat tttatatattg acaatatatta tactatacca aactcatttg cagttcttag 300  
 gtttggttgg taaaacattt ttttaaagca gtaagtttat agaaaatggt ttcattttaat 360  
 ggaaggctgg ggaatgtcca gcatcaaccc ctatggcatg cattcccagt ggccttctca 420  
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 cacagtcatt gccttcaaca cagagccacg tgcctccaaa cagcaatagt catgcccttg 540  
 tccaggtcgg gatctaattg atacaatagg tcgttgactc cctcctarna gagctatcta 600  
 gggttgctcg gaaagtttcc gaccctggct tataggca 638

<210> 10276  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 10276  
 tttgaacatt tttctaata tttggagaga aaactattta caaaaattcc acatatcagt 60  
 gatacaattt ctgtctgtca ccaatttttt ataatagcag agtggcctgt tctaagaagg 120  
 ccatattttt taagtkatct ttcagggtta catggaaata ctataaagtt ggatgtcaaa 180  
 ctttaatatg ttttcagtggt tctctaattt tttggaattt ttgtagactt tacacctgga 240  
 aaaaaagatt tgtaaaatca ccggaacaat tgtgtgcttt attttatagg tagtggttat 300  
 tagtattaca tccccatttt aaaaacaaaa acataataat gggttacaac 349

<210> 10277  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 10277  
 agaaaggaaa gttgatagtc ctggtaaaaa gcaacttgaa tggaacatta agggtaaaag 60  
 caaaattata gttgaatgat ttggaggagc aaataggcca ttcgtttcta gtcttcctta 120  
 caaaattggg tgcttctaac gcacagagac cgcgtcttac atacctttca ctctgcagtg 180  
 ctgtgcttga cttgtattta tttgatattg tgtttctatt catatagctc caatcacttg 240  
 tttatttttag cttttgagca gccacttcac actgatgact attaaacttt gaagtctttt 300  
 tcacatatat ttttggttag ctttgtcatc ctccaatcct atcttttgtg gatttgagtt 360

tgagacccta gtacattgcc ttaaatttc atattaaaca tgttaaattc ag

412

<210> 10278  
<211> 251  
<212> DNA  
<213> Homo sapiens

<400> 10278	
agagcagtat ctcgtttctg aacacctgga ttgtagcttt ccctggactg actgtcaaag	60
gaggtgggtt taaaaagcaa gccaaacagg ttccatcct ttaggaagac cctggaacgt	120
gccagtggat tctgacaatt tctcatgaac agaaacacct aggaaggag aactgatact	180
gtacaggaca acctgctttt catattctct gtgaatttca aagacgactg ggattttctt	240
cctcctctaa c	251

<210> 10279  
<211> 189  
<212> DNA  
<213> Homo sapiens

<400> 10279	
acaagcccat gaggaagctg agctgggttg taatgatagg gcggcagagc agcagcagca	60
gcagtgggtg aacgaggagg tggagaattg agagcacgat gcatacacag gtgtttctga	120
gtagtaatta gatcgctgtg aaggaaaaag cacacctttg agttttcacc tgtgaacact	180
atagcgag	189

<210> 10280  
<211> 289  
<212> DNA  
<213> Homo sapiens

<400> 10280	
gacgacgtag cagccatctt ttccctggct ttggtgattc agccctgact tctcaaaaag	60
cactgcacag aggaggaggc agcagaaccc cayttcagct tcttaggact ctgcacttcc	120
ccagaaggaa gaattaaaaa tgaatatgtt caaggaagca gtgaccttca aggacgtggc	180
tgtggccttc acggaggagg aattggggct gctgggccc gcccragga agctgtaccg	240
agatgtgatg gtggagaact ttaggaacct gctgtcagtg gggcatcca	289

<210> 10281  
<211> 475  
<212> DNA  
<213> Homo sapiens

<400> 10281	
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gcgaattct gtgagtcctt gaagctggat tgtccctgac ctcttttgag gaaggagagg	120
gttgcttcta actggtcctg ggagatgcca ctgtgatgta tccgggatga agacacaatc	180
ctggttactt catagcctgt ttttcttccc cagccctgac ttctcaaaaa gcaactgcaca	240
gaggaggagg cagcagaacc ccacttcagc ttcttaggac tctgcacttc cccagaagga	300
agaattaaaa atgaatatgt tcaaggwagc agtgaccttc aaggacgtgg ctgtggcctt	360
cacggaggag gaattggggc tgctggggcc tgccagagga agctgtaccg agatgtgatg	420
gtggagaact ttaggaacct gctgtcagtg gggcatccac cttcaaaaca agatg	475

<210> 10282  
<211> 497



<212> DNA  
<213> Homo sapiens

<400> 10282  
ctccatctgt gttttttgaa aaaagggttaa catctagaca tagttaactg agcatacata 60  
gctttccact cgtttttgct ttaaaatata ctcaaaaagc agaaarcctg caggatgctt 120  
cttgggctct tgttgcggac gaataggctc ggctattctt gttgctgaag aatagcctct 180  
gctgggtgtg aggagggaag ctgcccccg attagacagc aggatgacaa ggcagaaaag 240  
acggtgtcac agctgtaccc tgggatcggc agaaaagggt cccccgggg cctgtaaggg 300  
tgctgcgta acagnngact tgaatttcaa gtgattatca tataaatgga ggattagaaa 360  
agagacacca actctggaac cagttcaatg gaattcttca agagactgta acttagtgct 420  
tacaagact tggaatgatc tacactgcat ggtgtacctg ttagaggagg tgacatcaaa 480  
gctttaggta ctgaaag 497

<210> 10283  
<211> 207  
<212> DNA  
<213> Homo sapiens

<400> 10283  
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gaatcagctg caggctctctg ttttgaaaaa gcagagatac agaggcagag gaaaagggtg 120  
gactcctatg tgacctgttc ttagagcaag acaatcacca tctgaattcc agaagcctg 180  
ttcatggttg gggatatttt ctcgact 207

<210> 10284  
<211> 436  
<212> DNA  
<213> Homo sapiens

<400> 10284  
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gttgagccg ctgcccgtgc catgaccgac ggtaaccagc gtgastcgcc cgccagaaga 120  
atatgaaaaa gcagagcgac tcggttaagg gaaagcgccg agatgacggg ctttctgctg 180  
ccgcccga gacagaggac tcgagatca tgcagcagaa gcagaaaaag gcaaaccgaga 240  
agacttggtg tgagtgtgtc tgcatgtgag agaaatgcag aagcagtaat tgggcgtcat 300  
gggggaggca cagaggagga gagggaagtc tgggtagtgt gcaatgtgca aggaatgcag 360  
catttagtgt gcaatggggg cagcttcagg acagagtcag tgggaaaggm wtgcaagggg 420  
ctgtccccct tctctt 436

<210> 10285  
<211> 643  
<212> DNA  
<213> Homo sapiens

<400> 10285  
atgaccctg agcaccgagc ccccttctcc ttgccccttt ctttccgttc accctaaaca 60  
ccaccggcga ggccgggct ttgaccttcc gtgacttccc tagcaaggcg tttctctggg 120  
cgcgctctgt ggccaccctc acactcgggtg cccggaaatc gagccctttg cccacggcta 180  
cttcacggga ccacctctcc gggttaggca taggcccctc cggatcttcc gcggtgcgta 240  
accagcgtga gctcgcccgc cagaagaata tgawaaagca gagcgactcg gtttaaggga 300  
agcggcgaga tgacgggctt tctgctgccg cccgcaagca gagggactcg gagatcatgc 360  
agcagaagca gaaaaaggca aacgagaaga aggaggaacc caagtagctt tgtggcttcg 420  
tgtccaacct tcttgccctt cgccgtgtgt cctggagcca gtcccaccac gctcgcgttt 480

cctcctgtag tgctcacagg tcccagcacc gatggcattc cctttgccct gagtctgcag 540  
 cgggtccctt ttgtgcttcc tccccctcag gtagcctctc tccccctggg ccaactcccgg 600  
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<210> 10286  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

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 cgcgctctgt ggccaccctc acaactcggtg cccggaaatc gagccctttg cccacggcta 180  
 cttcacggga ccaccctccc gggttaggca taggcccctc cggatcttcc gcggtgcgta 240  
 accagcgtga gctcgcccg cagaagaata tgawaaagca gagcgactcg gttaagggaa 300  
 agcgccgaga tgacgggctt tctgctgccc cccgcaagca gagggactcg gagatcatgc 360  
 agcagaagca gaaaaaggca aacgagaaga cttgggtgtga gtgtgtctgc atgtgagaga 420  
 aatgcagaag cagtaattgg gcgtcatggg ggaggcacag aggaggagag ggaagtctgg 480  
 gtagtgtgca atgtgcaagg aatgcagcat ttagtgtgca atgggggcag cttcaggaca 540  
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<210> 10287  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 10287  
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 aagtgataca gatggaattc aaaatcagtt tttttaagaa ggcatggaaa agcaatttcc 120  
 tgaaaactat tgtaactaca aaaaaagtga atacccttcc cctgcgtctg cctggtatcc 180  
 tgtgcataat tctatcataa tgtttattac ataacatatt tatcagtttg actcatctgt 240  
 cccctcccc c 251

<210> 10288  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 10288  
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 ttaagagcat tggtttgggg tcagactagg ctgtgattcg ggtctctcca cttcttatta 180  
 tcgtcttttg taaattattt aacctctttg tgccttcggt ttctgtaaaa agcagataat 240  
 tatagctact tcatgaggtc gtgtgaagat ttaatgagat agtgtgtgtg aaatgttcac 300  
 agctaccaga cacatactca ctcgtgttcc caattgctat actcacaagg gctcactccc 360  
 atcgcca 367

<210> 10289  
 <211> 216  
 <212> DNA  
 <213> Homo sapiens

<400> 10289  
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tctaagaaac	aagtctgcc	taatctccat	ctgtgttga	atctgttaac	taatgaactg	120
gtctctgtgc	aaatcctgag	tgctaaagct	tccaacaaga	ctgatgctag	ctcgtgtcac	180
caggaagatg	ctacgtcatg	ccaagtgtt	tcagcg			216

<210> 10290

<211> 417

<212> DNA

<213> Homo sapiens

<400> 10290

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cgccccctcta	ccgcatgcga	atctttgcgc	ctaatacatgt	cgctcgccaag	tcccgtttct	180
ggtactttgt	atctcagttm	aagaagatgg	gtgaccacct	gaccaacctc	cacaggctgg	240
gtggcccggga	ggctgggctg	ggcgagtatc	tcttcgaaaag	gtcactctc	aagcacgact	300
aagagccttc	tgagcccagc	gacttctgaa	gggccccttg	caaagtaata	gggcttctgc	360
ctaagcctct	ccctccagcc	aataggcagc	tttcttaact	atcctaacaa	gccttgg	417

<210> 10291

<211> 267

<212> DNA

<213> Homo sapiens

<400> 10291

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gcacgctacg	agagtacaag	gtagtgggtc	gctgcctgcc	cacccccaaa	tgccacacgc	120
cgccccctcta	ccgcatgac	atgtcgtcgc	caagtcccgc	ttctgggtcta	ctgtgggcag	180
gtgtttgaga	agtccccct	gcgggtgaag	aacttcggga	tctggctgcg	ctatgactcc	240
cggagcggca	ccgcgcccga	gcccact				267

<210> 10292

<211> 316

<212> DNA

<213> Homo sapiens

<400> 10292

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ctccgatttc	ctctccgctt	gcaacctccg	ggaccatctt	ctcggccatc	tcctgcttct	180
gggacctgcc	agcaccgttt	ttgtgggttag	ctccttcttg	ccaaccaacc	atgagctccc	240
agattcgtca	gaattattcc	accgacgtgg	aggcagccgt	caacagcctg	gtcaatttgt	300
acctgcaggc	ggacgg					316

<210> 10293

<211> 488

<212> DNA

<213> Homo sapiens

<400> 10293

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gcacgctacg	agagtacaag	gtagtgggtc	gctgcctgcc	cacccccaaa	tgccacacgc	120
cgccccctcta	ccgcatgcga	atctttgcgc	ctaatacatgt	cgctgcctgc	ccacccccaa	180
atgccacacg	ccgccccctc	accgcatgcg	aatctttgcg	cctaatacatg	tcgtcgccaa	240
gtcccgtctc	tggtactttg	tatctcagtt	maagaagatg	ggtgaccacc	tgaccaacct	300

ccacaggctg ggtggcccg aggctgggct gggcgagtat ctcttcgaaa ggctcactct 360  
 caagcacgac taagagcctt ctgagcccag cgacttctga agggccctt gcaaagtaat 420  
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 agccttgg 488

<210> 10294  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

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 cgccctcta ccgcatgcga atctttgcgc ctaatcatgt cgctgcctgc ccacccccaa 180  
 atgccacacg ccgcccctct accgcatgcg aatctttgcg cctaatacatg tcgtcgccaa 240  
 gtcccgcctc tggtaacttg tatctcagtt aaagaagatg aagaagtctt caggggagat 300  
 tgtctactgt gggcaggtgt ttgagaagtc cccctgcggg gtgaagaact tcgggatctg 360  
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 caccgcagcg ctgtcaccca gtgtaccga gacatgggtg cccggcaccg cgcccgagcc 480  
 cactccattc agatcatgaa ggtggaggag atcgcggcca gcaagtgccg ccggccggct 540  
 gtcaagyagt tccacgactc caagatcaag ttcccgcgtc cccaccgggt cctgcgccgt 600  
 cagcacaagc ca 612

<210> 10295  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 10295  
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 tgtcacccag tgctaccgag acatgggtgc ccggcaccgc gcccagagcc actccattca 240  
 gatcatgaag gtggaggaga tcgcggccag caagtgcgcg cggccggctg tcaagyagtt 300  
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<210> 10296  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

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 gcacgctacg agagtacaag gtagtgggtc gctgcctgcc ccccccaaa tgccacacgc 120  
 cgccctcta ccgcatgcga atctttgcgc ctaatcatgt cgctgcctgc ccacccccaa 180  
 atgccacacg ccgcccctct accgcatgat catgtcgtcg ccaagtcccg cttctgggtc 240  
 actgtgggca ggtgtttgag aagtcctccc tgcgggtgaa gaacttcggg atctgggtgc 300  
 gctatgactc ccggagcggc accgcgccc agccact 338

<210> 10297  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 10297  
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 ttctctccgt gcaagctggc aagtctcaaa gtcgccacag atactgaagt actctttccc 120  
 agtgggacta agaaccagca gaacagatat actttctctc aagatgtctc tccagcaaaa 180  
 cttttcccca tgtccaaggc cttggctttc ctcatcattt ccagcgata tgagcaagac 240  
 acagtgtat catacatccc cctgcagctt taaaaagcag cagaagcaag cacttctagc 300  
 cagaccctca agcaccatca cttacctaac tgaca 335

<210> 10298  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 10298  
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 acggttggtt gaaactggaa gactgagagg aaggaggatg gggctctgcct cctgagtagc 120  
 tgggactaca ggcccgctgc tctgcgcca gctaattttt 160

<210> 10299  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 10299  
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 ttttgttcat cttgttttac attgttgatt tttgttttcc aacaactctg ggtgtcgggt 120  
 gctggtactc tagtcatctt gctttgttct caactttttt ggaccaaga ccttatttct 180  
 gaagaatgct ctatgaatta ttttttaaaa agcattctgt cattttgggt ctataaaaga 240  
 taacgtgaat aagat 255

<210> 10300  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 10300  
 catctcaaaa agcattcttg taattaatca tggccattct atatcttctt accaggtaat 60  
 agtaacttgc atagaactcc ctaaaattat acacacacac acacacacac acacacacac 120  
 ac 122

<210> 10301  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 10301  
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 gcataacaac agtgattctg aagagaagga caagtctaag aagagaaagc ttcattgaaga 120  
 actttctagc agtcaccata accgggaaaa agccaaggaa aagcccagggt tcttaaaaca 180  
 cgagagtctt agggaggaca gcaaattggag ccattctgat tctgacaaaa agtccagaac 240  
 ccataaacat agccc 255

<210> 10302

<211> 201  
<212> DNA  
<213> Homo sapiens

<400> 10302						60
aggctcggca	gaaataggag	cgcgccaggcg	racgtgcggc	tcgcagaacg	gcgagtagcg	120
gasgtgaccc	gctggaatca	tcattccagg	acgtgccaga	aaccacaaga	aaacatgggg	180
agggttttcc	tcacggggaga	aaaagccaat	tccatattaa	aacgctaccc	aagagcta	201
gggttttttg	aagaaataag	a				

<210> 10303  
<211> 294  
<212> DNA  
<213> Homo sapiens

<400> 10303						60
gatttggtc	caagagctat	tcgcagagaa	acagcctcgc	acaaaaagcc	accgcccccg	120
aaacccgcgg	gaaatctgtt	tcctgtgaaa	ggcctggcct	cggggcattg	gcggtttccc	180
tgatctctc	tcacaaat	tcgggcagg	gattgatcga	ggcgacattt	aggactgggg	240
tgggcgaggg	agtggcggtt	ctcgtcccaa	gttacagggtg	aggacgttca	ggccaaggcg	294
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<210> 10304  
<211> 575  
<212> DNA  
<213> Homo sapiens

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gttagagcca	acatgagtga	gcgacaaggt	gctggggcaa	ccaatggaaa	agacaagaca	240
tctggtgaaa	atgatggaca	gaagaaagtt	caagaagaat	ttgacattga	catggatgca	300
ccagagacag	aacgtgcagc	ggtggccatt	cagtctcagt	tcagaaaatt	ccagaagaag	360
aaggctgggt	ctcagtccta	gtgggagaac	ccccctctag	tccacctgaa	aacacccaa	420
tcaaccatca	tctgtcaaga	aattaaaaga	acaacaccct	agagagaagt	catccacaca	480
caatccacac	acgcatagcr	aacckccart	gcattgtacag	aaacctgtga	tatttatacc	540
cttgtaggaa	ggtatagaca	atggaattgt	gagtagctta	atctctatgt	ttctctccat	575
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<210> 10305  
<211> 312  
<212> DNA  
<213> Homo sapiens

<400> 10305						60
atatctggct	tgtccgcgcg	atttcgggcc	tctcggtttt	cggctcggag	gaggccaagg	120
tgcaacttcc	ttcggtcgtc	ccgaatccgg	gttcatccga	caccagccgc	ctccaccatg	180
ccgccgaagt	tcgaccccaa	cgagatcaaa	gtcgggtgct	gctctgggtg	tgccgggggc	240
tgcgggatgg	agcatccctc	ggmcccgccg	cgcgtgcaaa	gctttccccg	tatggggctc	300
ttaaagccgc	tgccctccag	agaccttccc	ggtgttgccg	cgcccccgcc	mmagcctcag	312
cctttctggg	cc					

<210> 10306  
<211> 70

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<212> DNA  
<213> Homo sapiens

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cccagctttt 70

<210> 10307  
<211> 571  
<212> DNA  
<213> Homo sapiens

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caggatttga gacagcccag ggtttcctct tcaagtaggt ctaaaacatt tttttttctc 120  
attgacttcc ttctgttct aactgccagt actcagaagt cagagttgag agacagaggc 180  
accccggaac gagacgtgaa gcaactgaata aatagatcag aatgactgaa aaagccccag 240  
agccacatgt ggaggaggat gacgatgat agctggacag caagctcaat tataagcctc 300  
caccacagaa gtccctgaaa gagctgcagg aaatggacaa agatgatgag agtctaatta 360  
agtacaagaa aacgctgctg ggagatggtc ctgtgggtgac agatccgaaa gcccccaatg 420  
tcgttgtcac ccggctcacc ctggtttctg agagtgtccc gggaccaatc accatggacc 480  
ttactggaga tctggaagcc ytcaaaaagg aaccattgtg ttaaagggaag gttctgaata 540  
tagagtcaaa attcacttca aagtgaacag g 571

<210> 10308  
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<212> DNA  
<213> Homo sapiens

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aaaagaaaat accgtaaggc caacctgaaa agtaggaaac ggggcatga cgccaatcgc 180  
aattaccgct ccacttctg agccccagc gggctctgcc ctggtgcgct tcacacagca 240  
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gccagagagg agcctatgga atgtggatca aatgccagtt gtgacgaaat gaggaatgta 360  
tatgttggct gtttttcccc aacatctcaa taaaactttg aaag 404

<210> 10309  
<211> 365  
<212> DNA  
<213> Homo sapiens

<400> 10309  
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catggcatga ggaggagcaa gagccgatct cctcacaagg gagtcaagag aggtggcagc 120  
aaaagaaaat accccaatcg caattaccgc tccacttctg gagccccag cgggctctgc 180  
cctggtgcgc ttcacacagc accaagcagc aacaagaaca gcagaagggg aactgccaaag 240  
gagacctgat gtttagatcaa agccagakag gagcctatgg aatgtggatc aaatgccagt 300  
tgtgacgaaa tgaggaatgt atatgttggc tgtttttccc caacatctca ataaaacttt 360  
gaaag 365

<210> 10310  
<211> 154

<212> DNA  
<213> Homo sapiens

<400> 10310  
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gcccgaaccc ccgctcgctc tcttcactcc tgttttaaac ttcacgaaa gcacttgtag 120  
atttgctaca gacagttggg acagaccagg cggg 154

<210> 10311  
<211> 146  
<212> DNA  
<213> Homo sapiens

<400> 10311  
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aagtttcccc cactctcaat taaaagttag aaccctccac ttttaaaatt atacaaatat 120  
ttctttttta cattacacag aagcnt 146

<210> 10312  
<211> 139  
<212> DNA  
<213> Homo sapiens

<400> 10312  
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gattcatcat ttgaaaaagc ctctggccct ggatgcattt cctgttttca ggattcctcg 120  
ccttctgact gctctccca 139

<210> 10313  
<211> 238  
<212> DNA  
<213> Homo sapiens

<400> 10313  
tgatcttact ttcataattc tttgattcta gcttgtagag tcaagacgaa ctctaactca 60  
tgggatggac aaactggaag atgtaaaata agtaaggctt tctgggccaa aaagcctctt 120  
cttacagaaa atcaaatttt aaaagaacat tgacctcaaa acaataaaaac tgtcctgggt 180  
atgcaataga aatagctata taaatggaat catatcctta atgaacacct cctgtggc 238

<210> 10314  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 10314  
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aaccgcgtcg gggagcggcg ccgggagaag ggcgaggcga cttgcatcac ggagatgtcg 180  
gtgatgatgg cttgctggaa gcagaatgaa ttccgcgacg atgcgtgcag aaaagagatc 240  
cagggtcttc tcgattgtgc cgcgagggct caggaagccc gaaagatgag atcaatacag 300  
gaaaccctgg gagagtctgg gagtttactt ccaaataaat tgaataagtt gttacagagg 360  
tttcctaaca aaccttacct c 381

<210> 10315



<211> 614  
 <212> DNA  
 <213> Homo sapiens

<400> 10315  
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 ggcgtggggg gttaaggcat taacccctcc cagcctcttc ctgaagaaac caccagcct 120  
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 ggccattgga gtgctccgct gcggagggag gggaccccga ctcgagtaag tttgcgagag 240  
 cactacgcag tcagtcgggg gcagcagcaa gatgcgaasg agccgtacag atcccgggct 300  
 ctccgaacgc aacttcgccc tgcttgagcg aggctgcggg ttccgaggcc ctctccagcc 360  
 aaggaaaagc tacacaaaa gcctggatca ctcctcgaac caccctgaa gccagtgaag 420  
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 cacagggttg gcaccatggg gccaccagc gtcccgtgt caaggccac cgcagctcgg 540  
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 atatcagcgc ggac 614

<210> 10316  
 <211> 447  
 <212> DNA  
 <213> Homo sapiens

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 gcacagacga tggctacatt gaccttcagg ctccctcctg ctgtcaggct acatcagcaa 300  
 aggggggggca gaccggggcg ttccagtgtc gatcattggc attctgtgtg tcctaccggg 360  
 attttaccac ctgcgcacgc cttactatgc atccaaaggc taccgtggtt actcctatga 420  
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<210> 10317  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 10317  
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 acgscgtgtg cagcgtgtta tgatgccgtc ccgtaccaac ctggctactg gaatccccag 360  
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<210> 10318  
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 <212> DNA  
 <213> Homo sapiens

<400> 10318  
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ggttacagtt gcccacctt cccctttaaag agaatccagt catgttttca atggtaaaaa	120
gccttaaaaa gctgcccttc gaagatctcc tatgactgca tgtcaaggta ttttgtacct	180
acaatcccag aacttggttc cttccccatg aggactaaca aatgttcaca acaatcacga	240
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<210> 10319  
 <211> 225  
 <212> DNA  
 <213> Homo sapiens

<400> 10319	
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agagtggcta taaacgtccg cgcctccatt gcgctctcct cttcacttag gtaggtccts	120
ccgcgttgac cactggcgctc tcgctgggtg tcttcgagac cggcgttggt tgaaaatcgc	180
ccccggcttt ggccgtggcc gcgggtgaga ttcggcgccc agagc	225

<210> 10320  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<400> 10320	
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aagctaaatg tttccmatg atcgctcatt cttcttttat gattcatacg ttattcctta	180
taaagtaaga actttgtttt cctcctatca aggagctat tttattaaat ttttcactta	240
gtctgagaaa tagcagatag tctcatatct agggaaactt tccaaataaa ataaatgta	300
ttctctgata aagagctaata acagaaatgt tcaagttatt ttactttctg gtaatgtctt	360
cagtaaaata ttttctttat ctaaataatta acatttctaag tctaccaaaa aaagttttaa	420
actcaagcag	430

<210> 10321  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<400> 10321	
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ttctttactc tgggggtccc gctgccctgt ggcctcgctc ctcggagggtc tgaaaaatga	120
gtvaagatgg aagccaaagt atcactttta ttgtgggttg tgagaggaag ctgggcccac	180
cagctggatc tcccgaagta ggccgactta cataactctg gaggagggaac gaacattgtc	240
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a	301

<210> 10322  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<400> 10322	
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gatgggcatt tgggctcatt ccatatcttt acaattgcga attgtgctgc tataaacatg	120
cgtatgccaa agaggtgctg aaaaaatatt tggagtccaa ggaggatgtg gctgatgcac	180
ttctacagac tgatcagtca ctctcagaaa agggaaaaagc gattgaagtg gaacgtataa	240

aggctgaatc tgcagaagct gcaaagaaaa tgttggag

278

<210> 10323

<211> 253

<212> DNA

<213> Homo sapiens

<400> 10323

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ttaatgctta	atacatatc	ggtgcaaaat	ttaaaaagcg	caaataaggta	tctagtggaa	120
aacctaaagcc	tccctctctc	ctccggcacc	cattacctct	ccctggaggc	aactgttttg	180
atccatttct	tacacacact	gccagagata	ctctaggcat	gtaaagcaca	aacatacata	240
taaaatctgc	ggg					253

<210> 10324

<211> 398

<212> DNA

<213> Homo sapiens

<400> 10324

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catggagagg	aggaggtgga	gacttttgcc	tttcaggcag	aaattgcccc	actcatgtcc	180
ctcatcatca	ataccttcta	ttccaacaag	gagattttcc	ttcgggagtt	gatctcta	240
gcttctgatg	ccttggaaca	gattcgctat	gagagcctga	cagacccttc	gaagttggac	300
agtggtaaag	agcacatgtg	gacattgcag	tgcagtgagc	tgtaatcatg	acactgcact	360
ccagcctggg	ctacatagtg	agaccctgtc	tcaaaaaa			398

<210> 10325

<211> 179

<212> DNA

<213> Homo sapiens

<400> 10325

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cctacgttgc	tcactattac	gtataatcct	tttcttttca	agntawggct	gagatctccg	120
ctaggettct	ttccctttag	tgctgtattc	gtgttggttt	tgttttwttc	tgctcttta	179

<210> 10326

<211> 198

<212> DNA

<213> Homo sapiens

<400> 10326

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gtttgagcat	ggtggccgaa	cagatgagcc	acacccattg	cacatcctgc	gagggggggtc	120
agagaactct	cccattccaa	ttttaaaatt	ttacatacat	gcagcaacag	tataatgtat	180
gcctagacct	acatcggg					198

<210> 10327

<211> 469

<212> DNA

<213> Homo sapiens

004220" 6665560

<400> 10327  
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 cccctccgcc aactggctgc acgctcgctc tccccgaaa aagcgctgtc cctacaccaa 180  
 ataccagacg ctggagctag agaaggagtt tctgttcaat atgtacctca ccagggaccg 240  
 tagcacgaag tgccagactc ctcaatctga gtgagagaca agtcaaaatc tggtttcaga 300  
 accggcggat gaaaatgaag aaaatgaata aggagcaggg caaagagtaa agattaaaga 360  
 ttacccccag tctccctag ctcttcccc tctcactctt agttatgtga cgactgcaaa 420  
 gccagtgtg tctgggatgt attcaagtga atggggaagg gagtctctc 469

<210> 10328  
 <211> 587  
 <212> DNA  
 <213> Homo sapiens

<400> 10328  
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 cctcgtttgc acgcacgcac gttcattctc cgtcctcgcg ccccttttcc tactctttcc 180  
 tcttctcccc gaccggagga gccgctcttt ccgcgcggtg cattctgggg cccgaggtcg 240  
 agccccccgc tgccgccgct gcctgagggg agcgagaaga ggccgcgacc ggagagaaaa 300  
 agcggagtcg ccaccggaga gaagtcgact ccctagcagc agccgcgcccc agagaggccc 360  
 gccaccagt tcgcccgtcc cctgccccg ttcacaatgc agcctgcttc tgcaaagtgg 420  
 tacgatcgaa gggactatgt cttcattgaa ttttgtgttg aagacagtaa ggatgttaat 480  
 gtaaaattttg aaaaatccaa acttacattc agttgtctcg gaggaagtga taattttaag 540  
 catttaatga aattgatctt tttcactgta ttgatccaaa tgattcc 587

<210> 10329  
 <211> 145  
 <212> DNA  
 <213> Homo sapiens

<400> 10329  
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 ataatatgat gacctctctc cctcatccac aagttgccaa gaacttcctt aaaaagctaa 120  
 atctcagttt tccatattcc accct 145

<210> 10330  
 <211> 205  
 <212> DNA  
 <213> Homo sapiens

<400> 10330  
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 aaaaagctct ataaggagga cgaatcaaga attagaaggg aatagttttc tgaaatgcat 120  
 cacgggtaaa gaattggaat actccagctc cttttttgga acatagattg aaaatcatta 180  
 ccttagatgg ttttatttct gtggg 205

<210> 10331  
 <211> 136  
 <212> DNA  
 <213> Homo sapiens

<400> 10331

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 ccagtaatct tcaaaa 136

<210> 10332  
 <211> 220  
 <212> DNA  
 <213> Homo sapiens

<400> 10332  
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 ggtaaatgcc a tcttaaaagc cctagggggg catatgacta ccctgagtgg tgaaggaatc 120  
 agttactggg tcagacggca ttgaaggggg actccttgct agcatcagaa tgaaccacca 180  
 ggccctgggtc agaaaactcc cagatctaga aaagacagga 220

<210> 10333  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 10333  
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 atgtcaagcg aaccttgaaa aagctgccct gagacggtgt cccgccgaaa ggtaattttc 120  
 acgaaaagtg tctctgagtc acaaagttca tgggactttg tgactcggaa aagagatgat 180  
 tctttagtgt ttttcaactct tctccaagtt gccctaaacc ctccttttct catatcgaag 240  
 cggttaataa ttgaggggct aaataatcga actgcacccc accgcgtccc ttctcccc 298

<210> 10334  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 10334  
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 aactagcacc tactgtgttc tcaacacccg gccacctata gaagatgatc atgggaacag 120  
 caatagtagt catgtaaaaa tctttttacc gaaaaagctg cttgaatgtc tgccgaaatg 180  
 ttcaagttta ccaaaagaga ggcaccgctg gaacactaat gagagatcat gatgcagccg 240  
 tccttttggg tttcttttta ataattgtgt acccttcacc tttgatcccc t 291

<210> 10335  
 <211> 499  
 <212> DNA  
 <213> Homo sapiens

<400> 10335  
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 aagtgtattc tgcggaacta gcacctactg tgttctcaac accgtgccac ctatagaaga 120  
 tgatcatggg aacagcaata gtagtcatgt aaaaatcttt ttaccgaaaa agctgcttga 180  
 atgtctgccg aaatgttcaa gtttaccaaa agagaggcac cgctggaaca ctaatgaggt 240  
 agataagttt ctttttttaa ggggtataatt attttaaggg caaatttttt aggttgcttc 300  
 acatagtcct actttatgtt agcttttaaat ttaaaatact gatctaggaa attgtaaagt 360  
 acattattta atctggattt gacmgaracc aaccaacatg ttttttgatc tgtctctgat 420  
 ctgcttggct tgcattgaaa gatacacaat gtgcacgttk gacttaacta aagtagcatg 480  
 agttctgtct gwgtttctt 499

<210> 10336  
 <211> 253  
 <212> DNA  
 <213> Homo sapiens

<400> 10336  
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 gaggatcct ggcagccggt ggggaagaca aggaggggtt gagcatggca gaaggaaaca 120  
 ccctgatatc agtggattat gaaatttttg ggaaggtgca aggggtgttt ttccgtaagc 180  
 atactcaggc tgagggtaaa aagctgggat tggtaggctg ggtccagaac actgaccggg 240  
 gcacagtgcagg agg 253

<210> 10337  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 10337  
 ggagcagcgg nggcggcgca gaggcgcgtc ttgggtcccc gcggcggcgc cggtgccaag 60  
 cgctgggttg cggataccca ggcagatctg cagtgcctaa tgccatgagt gtgggtggttc 120  
 agcatgtgga ggaaaaagct gtgcactcct ggtcgcgcac ctccacggca gg 172

<210> 10338  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 10338  
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 tgagaaggac attttgaagg ttttgttggc tgaaaaagct gtttctggaa tcaccccgcg 120  
 ggagggggcca tctactgca gtctaacttt gtcttaactt attacatctg caatgacctt 180  
 atttccacat aaggtcacat tctgaagtac taggggttag aacttcaaca tataaattgg 240  
 tgggggggtgc atagtaagca ccatgggtcac ttttctccat aggttagggg ttctagactc 300  
 ttctccaatc agtttttctt ctgtctgca 329

<210> 10339  
 <211> 155  
 <212> DNA  
 <213> Homo sapiens

<400> 10339  
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 gtcaatctcc cagaatgtag ttctatatc tctaaatatg aaagtatcca gaaaggccag 120  
 tggtagtaaa aagcttagtg tatataatct caaaa 155

<210> 10340  
 <211> 636  
 <212> DNA  
 <213> Homo sapiens

<400> 10340  
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 tataatttat cacataaaag caaaatctct aagcttctcc ctaccttagg tttttagtca 120

aaatgaatgc	aaacaatcac	gtgggattca	gccaaagcagt	gacgttaa	tctgctctgt	180
cagagagagc	atctgtcaag	cccacattta	aactgctgcc	tgctgtgca	gcagctgagg	240
aaccgtggat	ttcatattat	agactaaaa	cccatataaa	ctgctcaaaa	tccttctctgc	300
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gcactacatt	ttagctctgg	ctgctttaca	ttgcagctca	gtgttattag	tagaaatatg	420
gatactgaga	cgagaacaca	gcactgcatt	gtccagccag	gaaaatagca	gatgtaaaaa	480
gcttcaatgc	atcaactgtc	gggaagagtc	aacagtgtca	caagcagaac	gggcaactac	540
agctcttttg	tttaacgaaa	gagaraaatg	aaagaaaggg	aaaatttcag	aagactagga	600
cccatatgaa	caaggagggt	aactcgaaga	caagca			636

<210> 10341  
<211> 209  
<212> DNA  
<213> Homo sapiens

<400> 10341						
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gatctgcttg	gagaagccca	aataccgctg	tccagcctgc	cgcgtgccct	aaacagtgc	120
accctgaaac	tcgtcctggt	gagaaaaaaa	taagatcagc	tcttcctacc	aaaaccgtaa	180
agcctgtgga	aaacaaagat	gatgatgac				209

<210> 10342  
<211> 343  
<212> DNA  
<213> Homo sapiens

<400> 10342						
gggggtccag	tggttataca	gttccaacag	tgtgcagggg	ccattctcag	ttganattat	60
aaaccaaggt	tcacagtcct	gaagtttgct	gtagtgtgga	tgtcaaagac	agtctttctc	120
tgatattctc	agaagatttg	gtctttgggt	tctagattgt	aagagggtga	ctgtcctcag	180
tgaaccataa	aaagctttct	ttttctgctg	aaaatacact	gtagcataat	aattttacttt	240
tataacatca	gccctcttcc	atgggaaagc	ttttatacaa	tcagaaaaca	tgcggtgaaa	300
atgacaattg	aataaaatcc	cttcataaaa	tgtttaaacg	gcc		343

<210> 10343  
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<212> DNA  
<213> Homo sapiens

<400> 10343						
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taccaaacag	cagcggaggt	ttaaacttta	aatagacagg	tctgagtgcc	tgaacttgcc	120
ttttcatttt	acttcacct	ccaaggaggt	caatcacttg	gcgtgacttc	actactttta	180
agcaaaagag	taagttttta	aaaaatgaga				210

<210> 10344  
<211> 245  
<212> DNA  
<213> Homo sapiens

<400> 10344						
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ataagcacta	gtgatccagc	cgaagtactc	gtcaaaaata	gccagcctat	caagactctt	120
ccacctgcta	cttctaccga	gccatctgta	atcttatcaa	aaagtgatcc	tgacaagagc	180

tcttccaag tgccgccaat actacaagag acagataaat ccaagtcaaa taccaagcaa 240  
aatag 245

<210> 10345  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 10345  
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ttttcaactt attcttggtt ttctcacgat gagtcggagg aggatatcgt gtaaagatct 120  
gggccatgct gactgccaaag ggtggctgta taagaaaaag gaaaaggga gtttctaag 180  
caacaaatgg aaaaagttct ggggtgatact gaaggggtcg tctactgactg gggtgagaag 240  
ggttactact acttgcacg cggtgccggg gcctgtggcg tgaacacccat ggccagctcg 300  
gcggtggtgg actgaaga 318

<210> 10346  
<211> 330  
<212> DNA  
<213> Homo sapiens

<400> 10346  
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mttactgcaa tctccacctc ctgggggtcaa gtgattcttg tgccctccag gtagctgggg 180  
actataggca ccaccacacc cggctaattt ttggtgtttt ttggtgtttt gtttktatt 240  
tttagtagag acgggggttt accatgttgg ccgggctggc tgcaaactcc tgacctcagg 300  
tgatcagccc gcctcagcct cccaaagtgc 330

<210> 10347  
<211> 471  
<212> DNA  
<213> Homo sapiens

<400> 10347  
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atgaccaagt tcagactcca ggaacaagat ggaggaagct atgtcaaggg gggcttttct 120  
tgatgtgtct ctgccttta rccagtgaag aaaatcttct tagaaggaca cagcagactt 180  
ctccttatgt ctcatatgc agaagtggac cacaggacag tccctactgt aaactcttct 240  
aagtatcagg caaaaaggaa caaaaggccc cagcctggct taaaccaacc ttgagtcac 300  
acctgamrct ggacacttgt ttatccaagc raaatcaggn sttktctgtt agcagcaaag 360  
aaactgctca tgggtaagaa attaacagtg tgtgccataa ttcataattg tcgccaagca 420  
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<210> 10348  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 10348  
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cccaaatacc gctgtccagc ctgccgctg ccctactgct cggtagtctg cttccggaag 120  
cacaaagaac agtgcaaccc tgaaactcgt cctgttgaga aaaaaataa gatcagctct 180  
tcctaccaaa accgtaaagc ctaaggactt gtgacatcat agattagttt tgcctacttc 240



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291

<210> 10349  
<211> 415  
<212> DNA  
<213> Homo sapiens

<400> 10349	
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ctccccactg ccctgagggc gggccggcct gcggcggagg gaaaaaggaa gaggagaagg	120
aaattgtccc gaatccctgc agtctttctg taggttgagg cacaacgccg ggcaaaagaa	180
gaggaaggaa tttaatccta atcgggtggag gtcgatttga gggctctgctg tagcaggtgg	240
ctccgcttga agcgagggag gaagtttctt ccgatcagta gagattggaa agattgttgg	300
gagtggcaca ccactagggg aaagaagaag gggcgaactg cttgtcttga ggaggtcrcc	360
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<210> 10350  
<211> 488  
<212> DNA  
<213> Homo sapiens

<400> 10350	
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cgctgttgcc cccggagcgg acgtttctgc agctattctg agcacacctt gacgtcggct	180
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cctgcggtgc atcatgaagt tccagtacaa ggaggaccat ccctttgagt atcggaaaaa	300
ggaaggagaa aagatccgga agaaatatcc ggacagggtc cccgtgattg tagagaaggc	360
tccaaaagcc aggtgtcctg atctggacaa gaggaagtac ctagtgccct ctgaccttac	420
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<210> 10351  
<211> 246  
<212> DNA  
<213> Homo sapiens

<400> 10351	
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acctccaggc aggtcaccg gagatccccg ccccgaaacc cccctgcttt ggggggtaag	120
gagaagtgtt tatgtgggtt taagataata cagctgttaa ggaagtggc tcttgtttta	180
atgaagcagg cccttgagg ggccacaaag gacatgggga agatgctggg gggagaggag	240
gagaag	246

<210> 10352  
<211> 461  
<212> DNA  
<213> Homo sapiens

<400> 10352	
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gcacgcggcg gcgggagctg gaatagcaga aggaaccacc tcgtggagtc gggccggagc	120
cctgcagtgg ctccagcggg tgcagggacc gccaggttgt cacatcttcc caagccaggc	180
cagccaggag cgctgcatgc aaattctgcc gtgggctaag gcacgctaac cagagccggc	240

ggcatggact	tcgtcatgaa	gcaggccctt	ggaggggcca	caaaggacat	ggggaagatg	300
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gcgctgcggc	agcaggagga	ggagcgtaag	gccaagcacg	cgcgcatgga	ggcggacggg	420
agaaggtccg	gcagcagatc	cgagataagt	atgggctgaa	g		461

&lt;210&gt; 10353

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10353

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&lt;210&gt; 10354

&lt;211&gt; 448

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10354

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&lt;210&gt; 10355

&lt;211&gt; 473

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10355

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acaaccttaa	ggtctcttga	caggaatctg	ccctcagaca	gccaggactt	gggtcaacat	420
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&lt;210&gt; 10356

&lt;211&gt; 457

&lt;212&gt; DNA

<213> Homo sapiens

<400> 10356

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agaaggacgg	caagaagcgc	aasgcagccg	caaggagagc	tactccgttt	acgtgtacaa	180
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caacaagcgc	tccaccatca	catcccgcga	gatccagacg	gccgtgcgcc	tgctgctgcc	360
cggcgagctg	gccaaagcac	ccgtgtccga	gggcacaagg	cggtcascaa	gtacaccagc	420
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<210> 10357

<211> 470

<212> DNA

<213> Homo sapiens

<400> 10357

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gcgcagaaga	aggacggcaa	gaagcgcaas	gcagccgcaa	ggagagctac	tccgtatacg	180
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cgcattacaa	caagcgctcg	accatcacct	ccagggagat	ccagacggcc	gtgcgcctgc	360
tgctgcccgg	ggagttggcc	aagcacgcgc	tgtccgaggg	caaggccgct	accaagtaca	420
ccagcgctan	gtaaaacttg	caaggaggga	ctttctctgg	aatttcctga		470

<210> 10358

<211> 470

<212> DNA

<213> Homo sapiens

<400> 10358

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aggcgggtgac	caaggcgag	aagaaggatg	gtaagaagcg	caastnagcc	gcaaggagag	180
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yaargccatg	ggsatcatga	aytccttygt	caacgayatc	ttcgagcgca	tcgcyggcga	300
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cggccgtgcg	cctgctgctt	cccggggagc	tggccaagca	cgctgtgtca	gagggcacca	420
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<211> 444

<212> DNA

<213> Homo sapiens

<400> 10359

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gcagtataca	agccctgagg	agatcgacgc	gcastgcagg	ctgagaagca	gaaggccagg	240
gaagaagagg	agcaaaaaga	aggtggagat	ggggtgcag	gtgaccccaa	aaaggagaag	300
aaatctctag	actcagatga	gagtgaggat	gaagaagatg	actaccagca	aaagcgcaaa	360

ggcggtgaag ggctcatcga catcgagaac cccaaccggg tggcacagac aacaaaaaag 420  
gtcacacaac tggatctgga cggg 444

<210> 10360  
<211> 352  
<212> DNA  
<213> Homo sapiens

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cgctgtccca aatccgctgt tactatgaga aatgaagagc tgcttttaag taacggcaca 120  
gccaacaaga tgaacggagc tttggatcac tcakaccaac cagaccaga tgccattaag 180  
atgtttgctg acagatcccc cggatcatggt cggaaaagga gctgaaagaa cttttgagcc 240  
ttacggagcc gtctaccaga tcaacgtcct ccgggaccgg agtcagaacc ctccgcagag 300  
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<210> 10361  
<211> 260  
<212> DNA  
<213> Homo sapiens

<400> 10361  
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aatcactggc ctatgtttta taagtttttc tttaattact gtggaataac gtgccagcta 180  
tcatcaacac aatgattttg tacatagggg agggaagcag tgatgctctc aatgggaaga 240  
tgtgcaacac aaattaaggg 260

<210> 10362  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 10362  
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cgggagtaaa agtcctcgc aatttccgac tggtggaaga actcgaagaa ggccagaaaag 120  
gagtaggaga tggcacagt agctgggggc tagaagatga cgaagacatg acacttaca 180  
gatggacagg gatgataatt gggcctccaa gagtaagcgt cgagctacgg ctataaatgt 240  
caatgtctta aattcactgt gcctcctttt aaaaaatatt agccttatca cggaaaaaaa 300  
gtccaccaat ggtatatttt ctgaaatgtg gctattcttt tttgacc 347

<210> 10363  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 10363  
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attgtgtgcc aacctagtac cggtgcccat caccaacgcc accctggacc rgatcactgg 180  
caagtggttt tatatcgcac cggcctttcg aaacgaggag tacaataagt cggttcagga 240  
gatccaagca accttctttt acttcacccc caacaagmca saggacacga tctttctcag 300  
agagtaccag acycgacagg accagtgcac ctataacacc acctaccggg satcctcgtt 360  
aacctaaca aaaaaaac 378

<210> 10364  
 <211> 453  
 <212> DNA  
 <213> Homo sapiens

<400> 10364  
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 attgtgtgcc aacctagtag cggtgcccat caccaacgcc accctggacc ggatcactgg 180  
 caagtggttt tatatcgcat cggcctttcg aaacgaggag tacaataagt cggttcagga 240  
 gateccaagca accttctttt acttcacccc caacaagaca gaggacacga tctttctcag 300  
 agagtaccag acccaacttg ctccccctta ataaaacttt taagaagtca cattattgga 360  
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<210> 10365  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 10365  
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 acaaattaaa tttaagaaaa aaggatatgt gggctcctgt aattttctgc tgcattctta 180  
 ctccctcaag cacttaccac caccaccacc gc 212

<210> 10366  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 10366  
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 wttcagacca ggcctctgaac ccgcagtaaa aaatgtctga ggataaaaag gatgaaggca 180  
 gtgggacaag tactttagta aggaaagcaa gcaaagagac ttntctgtaag cggcaaagca 240  
 aagacagtgc ctgggatccc tcacaaacaa tgaagaaacc aa 282

<210> 10367  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 10367  
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 tacttggttg ggcctctctg ataaaaagag atgtgggggg attctcgacc tgctaacagc 180  
 cgccgcacac gcagcctccg ccaccacagc caccaccca gcagccaccg ccaccac 237

<210> 10368  
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 <212> DNA  
 <213> Homo sapiens

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<400> 10368  
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 tctcggaggt ggtatttgtg tgtgagtgtg tgtggc 336

<210> 10369  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 10369  
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<210> 10370  
 <211> 239  
 <212> DNA  
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<400> 10370  
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 caaatgtttt aagcaatttt aaaaaggcag gatgttattg acattataca ctgaagtctt 180  
 aacattttta catttatagt gcttatttgc aaaattgtat aattaggaat tatttcaga 239

<210> 10371  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 10371  
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 ctaaccaggc gtccgctact tcagaagagt gtactgtcgc atggggagtc tgtaaccatg 180  
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 attgttttgt tattcattta atgactttcc ctgctgttac ctaattacaa attggatgga 360  
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 <213> Homo sapiens

<400> 10372

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gttcagtgga	tttccgtctt	ttggaagtgg	attttcttct	tttgatacag	gatttacttc	660
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 <211> 236  
 <212> DNA  
 <213> Homo sapiens

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tcccgccacc	ggccacagac	ctcatctctt	atagaaaaaa	aaamcaaamc	aacaacacag	180
tmactcctgg	cggmaaacca	aacaaamcca	gaktcatctg	gggaaaakta	aytcgg	236

<210> 10374  
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 <212> DNA  
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<400> 10374						
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aaagctgttc	tagtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtg		163

<210> 10375  
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 <212> DNA  
 <213> Homo sapiens

<400> 10375						
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gggaacatak	nccacattaa	atagttatat	acacatcagt	tcctgtgggt	ctgtacagag	420
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 <212> DNA  
 <213> Homo sapiens

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 ggtctgtcac artctgctcc ttttttttgc cgcacacacg taactgagat gctcctttaa 360  
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<210> 10377  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 10377  
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 ggtaatcggg tgggggcatt tggccgactg cggcgacact aaaccctgat gtgacctcta 180  
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 gcttcccact ccgcggtgcc tt 322

<210> 10378  
 <211> 446  
 <212> DNA  
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<400> 10378  
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 ggtgcgcggtg gaattcaata tttttcaaat atttatagct tatttagaaa tatttctata 180  
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 ttatgaaata aaagtactga aaaccagaca caaaatttat agctgaatgc cttattataa 360  
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<210> 10379  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 10379  
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 ttggccgatg ggaatggtct gtcacartct gctccttttt tttgtccgcc acacgtaact 300  
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 aaaaaac 367

<210> 10380  
 <211> 427



<212> DNA  
<213> Homo sapiens

<400> 10380  
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caatgtaaaa ggccccgtgc gcgagggcga cgtgctcacc cttttggagt cagagcgaga 180  
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gagatgcacc tataggggaa cataknccac attaaatagt tatatacaca tcagttcctg 360  
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acagagg 427

<210> 10381  
<211> 446  
<212> DNA  
<213> Homo sapiens

<400> 10381  
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gggcgccggg ccctacgtgg acctggacga ggccggaggc agcaccgggc tcttgatgga 120  
cttggcagcc aatgaaaagg ccgttcacgc agactttttt aacgattttg aagatctttt 180  
tgatgatgat gacatccagt gagatgccct ctggctgcag gcggggccaa gcccttggtg 240  
cagagccgca gtgtgagcct gcgcaggaca gtttcagggt gttttaaaga acacgtggaa 300  
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<210> 10382  
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<212> DNA  
<213> Homo sapiens

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aaaaaggctg ggggtacgcc tcgtaaggcg tcyggtcccc cgggtgtcaga gctcatcacc 180  
aaggctgtgg ccgcctctaa agagcgtagg nagtttctct ggctgctctg aaaaaagcgt 240  
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gcctggtgag caagggcact ctggtgcaaa cgaaaggcac cgggtgcttct ggctccttta 360  
aactcaacaa gaaggcagcc tccggggaag ccaagcccaa ggttnaaaag gcgggcggac 420  
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<211> 190  
<212> DNA  
<213> Homo sapiens

<400> 10383  
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cagtatcctg 190

[illegible]

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<212> DNA
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<212> DNA
<213> Homo sapiens
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<210> 10387
<211> 165
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<212> DNA  
<213> Homo sapiens

<400> 10387  
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<212> DNA  
<213> Homo sapiens

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acatgctgcm cctaattgcat ggaatggtgt gaaattctga ctggtgtggg ttcaagagca 180  
aactgaaagg gaaatcttaa gacagagtat agtacaagtg ttgctgaaaa tgagactaat 240  
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<212> DNA  
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ggttttggca ggagacacac tgccattga ggtatactgc catctcccag tcatgtgtga 420  
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<212> DNA  
<213> Homo sapiens

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ccgccttgga atctacaggg ccggagagac cgaggggctc actagggttg ccaggctggt 180  
cttgaactcc tggcctcaag ccattcctcc acctcagcct cccaaagtgc tgggattaca 240  
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ggccagcata agaaggtgat gggc 324

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<212> DNA  
<213> Homo sapiens

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 ctgccttggga atctacaggg ccgggctgaa gaaaagmaga atggatttca tgcagttccc 180  
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<210> 10392  
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 <212> DNA  
 <213> Homo sapiens

<400> 10392  
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 <212> DNA  
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<400> 10393  
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 gggaagaagt tgtgtacctc acataggaaa cccagaaaaa gggcagtctt aatcagacat 180  
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 cctgccccgt gtttgtaa 258

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 <212> DNA  
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 argccattaa gaaattcgtc attcgaaaca tagtgagggc cgcagcagtc agggacattt 180  
 ctgaagcgag cgtcttcgat gcctatgtgc ttcccaagct gtatgtgaag ctacattact 240  
 gtgtgagttg tgcaattcac agcaaagtag tcaggaatcg atctcgtgaa gcccgaagg 300  
 accgaacacc cccaccccga tttagacctg cgggtgctgc cccacgtccc cancaaagcc 360  
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 cacaccacac acaaccagtc ccgaaaatgg cacagaaatg gtatcaagaa acccgtgga 180  
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 <211> 221  
 <212> DNA  
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 cacaccacac acaaccagtc ccgaaaatgg cacagaaatg gtatcaagaa accccaggcc 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 10397  
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 cacaccacac acaaccagtc ccgaaaatgg cacagaaatg gtatcaagaa accccgaccg 180  
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<210> 10398  
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 <212> DNA  
 <213> Homo sapiens

<400> 10398  
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 tgaaaccgct gtatgctcgg aattagagcc ctgcccaagg gaacactcct gcaccccaaa 420  
 tcttaccat tctcaa 463

<210> 10399  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens

<400> 10399  
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 gtacattatt tcaattgtcc cgctcccctt cataacagaa aaaggggact caccctcaag 300  
 aagtgattgg tatggtaatt taaagcaacg cgcattcgct aggcctcgcg agcgtcgccg 360  
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tgattatgca	aagccatata	cagagaccaa	ggtgtaaagc	aggtcggaga	aaatggaaat	180
ctcaagattg	gctcagtcaa	aaagaaacat	tatcagtttg	aacatggacc	ttgaaagggg	240
tacgcagaga	atagatgaag	caaatcagaa	acttctwctc	aaaatccaag	agaggggaaga	300
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aggtgtttct	gtgaaaagcc	ttaaagattag	actgtaagaa	aagaaaatag	aagccatggt	180
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<210> 10402  
 <211> 390  
 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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 aggtgtttct gtgtaggtgt ctggcccttt catcagtcgt gcggaggacc gcgtgatttc 180  
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<210> 10404  
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 <212> DNA  
 <213> Homo sapiens

<400> 10404  
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 gctgacgcgc gagcacgggc gggcgctacct gcggaaccgg mgcaagggt ggaatggcga 360  
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<210> 10406  
 <211> 96  
 <212> DNA  
 <213> Homo sapiens

<400> 10406  
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<210> 10407  
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 <212> DNA  
 <213> Homo sapiens

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387

<210> 10408

<211> 175

<212> DNA

<213> Homo sapiens

<400> 10408

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<210> 10409

<211> 451

<212> DNA

<213> Homo sapiens

<400> 10409

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tcctctagac	tccagcccat	ctcttcagag	cagctctgct	tgagttcaca	gatgactgcc	180
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ttaaccttga	tgctgaaag	aactggaaat	tatgaagata	gattcagaag	tcaaatatgt	360
taactaactg	cattgaagag	tagaagaaaa	caatagccta	gtaggttttt	actgggatta	420
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<211> 409

<212> DNA

<213> Homo sapiens

<400> 10410

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<210> 10411

<211> 274

<212> DNA

<213> Homo sapiens

<400> 10411

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agctccttag	ccagggtctc	tgacatttca	tcttcagatg	gagttttttt	caagctgttc	180
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<210> 10412

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[illegible]

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<213> Homo sapiens
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<211> 344
<212> DNA
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<210> 10416
<211> 804
<212> DNA
<213> Homo sapiens
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 tatagaaaat tgcacttttt gtcgagtaat cctctgcagt gatacttctg gtagatgtca 480  
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<210> 10417  
 <211> 1284  
 <212> DNA  
 <213> Homo sapiens

<400> 10417  
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 ttagaaatgt atcatgtgtc aaaattgcat gcctttttaa aaatgataaa gagagatgct 180  
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&lt;210&gt; 10419

&lt;211&gt; 177

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10420

&lt;211&gt; 328

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10421

&lt;211&gt; 113

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10422

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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aacaaaactt ttcacatttc tgcttactag acctgggttg atgtacatgg taagtctcaa 240  
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 ctgagggaaga ggcggcggcg gcggcggcat ttacggagag aaaaagtaag cagctgcact 180  
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<210> 10425  
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<210> 10426  
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 <213> Homo sapiens

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 aatcattcca gagtatgtan tatttaactg atagctgcat gaaagtgaga ttcgtgttac 540  
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<210> 10430  
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 <212> DNA  
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 aatggaaatc tctcttcta tcgctttgag caaaaatcaa gaaattgtta tagaaatttc 420  
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<210> 10438  
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283

<210> 10439  
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<213> Homo sapiens

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<212> DNA  
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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

<400> 10448  
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gtgccaaaaga attggaagat agtcccagg aaaatgtcag tgtcacagag atcatataac 180  
catgtgatga tccaaaaagt gaagctaaaa gtgttcctaa acccaaagga aagaaaacca 240  
aagatatgaa aaaacctgtc agagtacctg ctgaaccaca aacaatgagt gttcttatca 300  
gctgtacaac ctgcccattaa accaccacat gctatttttc taagaggagt ttgctcatgt 360  
tgtgcccctc tctgacacaa actctgcaaa gggtttaca 399

<210> 10449  
<211> 463  
<212> DNA  
<213> Homo sapiens

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gaggaaaaagc tcgcaccagg tggacgcgga tctgtcaaca tgggtaaaag agaccccaac 180  
aagccgcggg gcaaaatgtc ctcgtacgcc ttcttcgtgc agacctgccg ggaagagcac 240  
aagaagaaac acccggactc ttccgtcaat ttcgcggaat tctccaagaa gtgttcggag 300  
agatggaaga ccatgtctgc aaaggagaag tcgaagtttg aagatatggc aaaaagtgc 360  
aaagctcgct atgacagggg gatgaaaaat tacgttccct ccaaaggtga taagaagggg 420  
aagaaaagga cccaatgctc ctaaaaggca ccatctgctt ctt 463

<210> 10450  
<211> 370  
<212> DNA  
<213> Homo sapiens

<400> 10450  
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 ctctgtcaga ggaagatccc ttggacaaga ggaccctgcc ttggtgtgag agtgagggwa 180  
 gaggaagctg gaacgagggg taaggaaaac cttccagtct ggacagtgac tggagagctc 240  
 caaggaaagc ccctcggtaa cccagccgct ggaccatga acccagagag cagtatcttt 300  
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 ctgactgatg 370

<210> 10451  
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 <212> DNA  
 <213> Homo sapiens

<400> 10451  
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 tggaaccat ttgagaggag ctattgtaag agg 153

<210> 10452  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 10452  
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 gaagactcgc ctctcagccg cccgcgcac agacgcacga gtaaaaagtg cagctccatc 180  
 ggctgactct cgctaagctc cgactctggg cggcaccggg cgtcccacga tgccgaa 237

<210> 10453  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 10453  
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 ctgtgcttgt ggctgcggct gctaactggc tgcgcacagg gacaaaaatg cctcagggct 120  
 acacatgcaa aaaaaattgt cagatagtta aaaatcacca aaacgtgcta tttttaaatg 180  
 tgtatatgtt gttgggtttt taaagtacag gagtagtaga agtattaaat atgaaatatt 240  
 agcaggaata gtatttcaga actctgtaaa actgtgtggg gagttcatgg tgctagtgtt 300  
 ctggaagatt catacatttc tgatgaacat tttggtttaa ttcctttgcc attgtaatag 360  
 tccccacct ggtggtcctt atccagcccc aact 394

<210> 10454  
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 <212> DNA  
 <213> Homo sapiens

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 ggagctatga agtgtgggca tcaagctgcc accctctgcc aggtgcctg tctgcctsy 180  
 aatctcatgt tctgagagcc aggaggcccc ttctcctggg aggcagcact cctgggtccc 240

ttttagtgtct ctgggctggg acttgtctaa gaggatgggt tggagatttt tagggagatg 300  
 ggatgcaaaa ccccaagtgg catgagaccc agcttacagg tgcaatatca gcgatctgtg 360  
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<210> 10455  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<400> 10455  
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 aggcaaaaat gatcatgccg aaaaagtggc ggaaaagcta gaagctctct cggatgaagga 120  
 ggagaccaag gaggatgctg aggagaagca ataaatcgtc ttattttatt ttcttttctt 180  
 ttcttttctt ttttttaaaa aattttaccc tgccctctt tttcggtttg tttttattct 240  
 ttcattttta caaggg 256

<210> 10456  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

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 caccgcctc tccgcgcgcg agatacacgc cccgcctcc gtgggcacaa aggcagcgct 180  
 gctggggaac tcgggggaac gcgcacgtgg gaaccgcgc agctccacac tccaggtact 240  
 tcttccaagg acctaggtct ctgcgccatc ggaaagaaaa taattctttc aagaagatca 300  
 gggacaactg atttgaagtc tactctgtgc ttctaaatcc ccaattctgc tgaaagtga 360  
 ataccctaga gccctagagc cccagcagca ccc 393

<210> 10457  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

<400> 10457  
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 gatagaaaga agtaaatgag tttggaattg gataggagag atgaagggaag aaatcaagaa 120  
 tggctaacca atttctggct tcagaaccag gtggatggca ctgtttatta gataggaagt 180  
 ctagggaagg cagattttgg ccatggtggt tcagttttgg aaaagttaaa tttgcaatgt 240  
 ctaagacatc aaagaggata catcgggttaa gaacgtaggc acatctagag cttagagaag 300  
 tctggggtag gaaaaaaatc taagtattta taagggtata ggtaacattt aaaagtaggg 360  
 ctactgtgaca ttatttagaa agaacacata cggagagata agggcaagga ctaagaccag 420  
 aggaacacta atatttagtg atcacttcca ttct 454

<210> 10458  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 10458  
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 gagaagtaat gggatttgta catgtatatt acatagtcag cccagcttgg actcctccaa 120  
 tatgagacta gagctgayca tgkcccatcc ctcagcaggg cacctccctt aatttgtccc 180

catcctcaat tccttttttt tttttt

<210> 10459  
<211> 139  
<212> DNA  
<213> Homo sapiens

<400> 10459  
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ctggaacctt tctttaaaaa gtgttttcca aacagaagtt gctctacgtt agagtatgat 120  
ggacttttat gtcgtaaca 139

<210> 10460  
<211> 477  
<212> DNA  
<213> Homo sapiens

<400> 10460  
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agattaacga tgaggacaaa cagaagattc tggacaagtg taatgaanat tatcmacngg 120  
cttgataaga atcagactgc ygagaaggaa gaatttgaac atcaacagaa agagctggag 180  
aaagtttgca accccatcat caccaagctg taccagagtg caggaggcat gccaggagga 240  
atgcctgggg gatttcctgg tgggtggagct cctccctctg gtgggtgcttc ctcaggggccc 300  
accattgaag aggttgatta agccaaccaa gtgtagatgt agcattgttc cacacattta 360  
aaacatttga aggacctaaa ttcgtagcaa attctgtggc agttttaaaa agttaagctg 420  
ctatagtaag ttactgggca ttctcaatac ttgaatatgg aacatatgca caggggga 477

<210> 10461  
<211> 108  
<212> DNA  
<213> Homo sapiens

<400> 10461  
tttttatggt taaaaaaatc tcattatgga ttgagtccag cccagctcta agagaaaaag 60  
aaggcccata tgggagactt cagtctcatt attattgect ttatccag 108

<210> 10462  
<211> 443  
<212> DNA  
<213> Homo sapiens

<400> 10462  
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gtcatgaatc atgtgacggt ggcttgagga ggaacctgtc tttaaagctg tccctgaagt 120  
gacagcggag agaaccaggc agcccagaaa ccccaggacc taaagcgatt cttgtatnaa 180  
aargttacca agtggtgaag ggctccatgc cattgtttgtg tcagatagag atggagtacc 240  
tgttattaaa gtggcaaatg acaatgtcc agagcatgct ttgcgacctg gtttcttatc 300  
cacttttgcc cttgcaacag accaagggaag caaacttgga ctttccaaaa ataaaagtat 360  
catctgttac tataacacct accaggtgggt tcaatttaac cgtttacctt tggtgggtgag 420  
tttcatagcc agcagcagtg cca 443

<210> 10463  
<211> 205  
<212> DNA

<213> Homo sapiens

<400> 10463  
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ttaccacccc tccaggaggt ttacattgcc ggctttttta tttctggaga gttagagagg 120  
agaagggraa cagagttaga gtggcttatt ctttgtgagg ctcttgggat agaaaacata 180  
gccagaaaag gattataaat tgcca 205

<210> 10464

<211> 255

<212> DNA

<213> Homo sapiens

<400> 10464  
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ggaagacggg ggctaaaaag ttattttaag aacccccca ccacaaccac agtcacaggg 180  
gcaaagccct gaaaaaggct gtggtgatgc ccctacagct aattcaggag caggcagcat 240  
ccccaatgc cgaga 255

<210> 10465

<211> 164

<212> DNA

<213> Homo sapiens

<400> 10465  
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cagttttatg tgcttaatta aagactgtaa aacgtaaagg atcattctga ctttttttat 120  
gagttttttt ttttcttttc ccctgtctaa attgtgtgtg ggct 164

<210> 10466

<211> 411

<212> DNA

<213> Homo sapiens

<400> 10466  
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catggatttt gagaatcttt tctcaaaacc ccccaaccgc gccctcggca aaacggccac 120  
ggactctgac gaaagaatcg atgatgaaat aggatacaga agttgaagaa acacaagaag 180  
agaaaattaa actggagtgc gagcaaatcc ccaaaaaatt tagacactct gcaatatcac 240  
caaaaagtgc gctgcataga aaatcaagaa gtaaggacta tgatgtatat agtgataatg 300  
atatctgcag tcaggaatca gaagataatt ttgccaaga gcttcaacag tacatacaag 360  
ccagagaaat ggcaaatgct gctcaacctg aagaatctac aaagaaagaa g 411

<210> 10467

<211> 463

<212> DNA

<213> Homo sapiens

<400> 10467  
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gctcgggtac gctccacgcc gtcgcagcca ctgctgtggt cgccgggtcg ccgaggggcc 120  
gcgatactgg ttgccgcgg tgtaagcaga attcgactgt tatcgctgcc gtcaagatgg 180  
aggggccttt gtccgtgttc ggtgaccgca gcactgggga aacgatccgc tcccaaacg 240

ttatggctgc agcttcgatt gccaatattg taaaaagttc tcttggcca gttggcttg 300  
ataaaatgtt ggtggatgat attggtgatg taaccattac taacgatggt gcaaccatcc 360  
tgaagttwct ggaggtagaa catcctgcag ctaaagttct ttgtgagctg gcctgatncy 420  
caagacaaaa gaagttggag atggaactac tncagtgggt att 463

<210> 10468  
<211> 296  
<212> DNA  
<213> Homo sapiens

<400> 10468  
attattatgt tctattaaag aaacaatata acttttaact taggttgctt gttctgttct 60  
gtctttattc ctcaatcttt ctactttttg agatctggct taccttggcc ctgtaatcta 120  
cagttacctt ttataatgtc tccattagcc cctgtctaac ccttatgata atatttctac 180  
atatattaca caaaaaatga agtagaaaca atgttgaatg actgaaatcc tttatcaaaa 240  
agttcttaag tagcaaatna tgattatnat aattcatatc caccttaaaa ccaggg 296

<210> 10469  
<211> 200  
<212> DNA  
<213> Homo sapiens

<400> 10469  
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tctatgcttt catttcctca tctataacag aggtgaggaa aaaaatctgt aatgccctt 120  
tcaactctaa tactccatga gtctaccaga tattgaagtc acccaaaggg aaaggaattg 180  
ctacaaattc ttacttgcaa 200

<210> 10470  
<211> 405  
<212> DNA  
<213> Homo sapiens

<400> 10470  
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tgatgactgg tttggggttg gagaagaaa cecatgtttg agagggctgt ggaagacaga 120  
atcagggaga ctctgccagc agaagatgtg ggcaaagcgc cgatgagctg ttctggagca 180  
cggggccag cacaggggtga gaggtgagat gcctgtgggg aaatccagga gatagttaaa 240  
cacatgcaag gggctggagc tcaggagagg cttgggtctgg aaggaaaaag ttgaagtta 300  
tcacaacaca ggtggttagt gtcaatactg tccagagaca gtgtacagaa agagaaaagg 360  
atgggttgag gacagagcct gaggaatgaa gaagggcatg caagg 405

<210> 10471  
<211> 302  
<212> DNA  
<213> Homo sapiens

<400> 10471  
cacaaagctt attagaagta attttagtgc cagaatccaa attaaatgtc ctccccctta 60  
gtctaggatg ttttcaacta tgaccttttc ttagttgctt gcttttaaaa ttatttgtaa 120  
ataggaatac ctatgcaata gtctctctaa aaggaaggac atatttagat tgatgcttta 180  
aaagttattt aaattctcta aataaaaagt tgagtttgca ataattatat tgactatata 240  
atgggtgttc ttacctgaag agaagacaaa catactctct cttttttcta tttcaaaacg 300  
tg 302

<210> 10472  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<400> 10472						60
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agggacccac	tgacagattg	tccgtataat	aaagtataca	agaacctaaa	ggagttttct	180
caaatggag	agaatttctg	caaacaggtc	acatctgttc	ttcagcaaag	ggcaaacctg	240
gaaattagct	atgccaaagg	acttcagaaa	ctggcaagca	agctgagcaa	agcattacag	300
aacacgagaa	aaagtttgt	tagcagtgt	gggcctgggc	ctcagagggg	atgaaatcca	307
cagcggg						

<210> 10473  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 10473						60
tgataaattc	tttgaagcaa	aagtgcaggg	gtggtgtgag	agcatgcagt	caagatttta	120
tttagactga	gtagatttgg	gacagcttcc	ctgattgaca	ggtgagactt	gaaagagcag	180
tgtagccag	gcatgagggc	tagagaagag	aaaaagtta	ttgaagcaga	aggaatagca	230
cacctgaga	cagaaggatc	ttggtttagt	gtcttcaagg	gatagagatg		

<210> 10474  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 10474						60
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ctcgggtgac	aggagactcg	gcgcaargcc	cgaagggtgag	gatcccaa	tcacaaccgc	180
cttccttcgc	ccggttctcg	ggaccatact	tctccctctt	tggacgatgc	cgctcctca	194
accttgaaag	acc					

<210> 10475  
 <211> 521  
 <212> DNA  
 <213> Homo sapiens

<400> 10475						60
acctacctgg	gataacggcg	gcgagcggac	ggctgcattt	acgggggtctc	ccgrrggcca	120
gagtcgtggc	ttacagaaga	gacgaaatgt	ggtctgargg	acgatatgaa	tatgaaagaa	180
ttccgagaga	acgagcacct	cctcgaagtc	atcccagtga	tgaatctggt	tatagatgga	240
caagagacga	tcattctgca	agcaggcaac	ctgaatacag	ggacatgaga	gatggcttta	300
gaagaaaaag	tttctactct	tcccattatg	cgagagagcg	gtctccttat	aaaagggaca	360
atactttttt	cagagaatca	cctgttgagg	gaaaggattc	tccacacagc	agatctgggt	420
ccagtgtcag	tagcagaagc	tactctccag	aaaggagcaa	atcatactct	ttccatcagt	480
ctcaaacata	gcaaataaag	agaggcctgt	ccagtctttg	aaaacatcaa	gagmtamttc	521
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<210> 10476  
 <211> 242



<212> DNA  
<213> Homo sapiens

<400> 10476  
attgatccgg aggaggattc gcagttcaac atcaaggtaa ggaaggatac agcattgtta 60  
tcgttggtga gatattagta agaaatacgc ctttcccat gttgtaaagc ggctaagttt 120  
gacagtggta gttggctttt gcaacacccc cttcccat tgcacatatta cagattgaag 180  
aaaaagtttg ttgctcaaaa cttacagttt gtttcttgc agcccaaac ctttagcta 240  
cc 242

<210> 10477  
<211> 442  
<212> DNA  
<213> Homo sapiens

<400> 10477  
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atcccaccag taagaaaact accatttctt gatttttaca gatttaaaaa aatcttttca 120  
gtgacctttc tttttaatgt aaatacaaat ttaaacctag gcttaataata ggcgtttccc 180  
ctttcaccca agtgatgtca cagttcgatg caaaatcaat gatccagaat gatcgtgggt 240  
aaaaataact caaagtgttt cttaaggggt agttggcatg caaaaaatta cattgattac 300  
agtgtgtttt ggagctggct ctgtttgtgt gcatatgata atgcagagtt gagccagagc 360  
ctggaaatgt cattctagat ctactactaact actggaatca gtgttttaata ctcttgggtg 420  
aaactttcag ttgcttaact ct 442

<210> 10478  
<211> 199  
<212> DNA  
<213> Homo sapiens

<400> 10478  
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gaagagtggg attaaaaagt tttaatatcc tgtttttatg aaagtctcca cattatggac 120  
aatgtaatgg tttatatgta acttggatc atttcatgtg gcttttttgt tgttttgcaa 180  
tctgagacac accctctcc 199

<210> 10479  
<211> 400  
<212> DNA  
<213> Homo sapiens

<400> 10479  
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aactcagggg tgatactgaa gaatggattg ctaccattga agcattgctt tcaaaaagtt 180  
ttgatgcttg tcagtrgtta gttgaatatw tkattagttc tgaaggacga gaattgatar 240  
agtaagytyk ggagkttttt aattaaaaga aatttgtgtc tctrccagtg atttagagct 300  
gaagtcttctt ataacccttt ttatttcaac ttgaaattat tgtkctgctt aaagtctatt 360  
ttaaactctc ttcactgaaa cagtwaggaa ataattcagg 400

<210> 10480  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 10480  
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 aacccaaaca gattgaatct gattctctat tcaatttgtt gcaatgttgt tttggttgaa 120  
 gtctataaag aaaatcmaac ttcacacaga aagaggatga gtatttttaa taccttcttt 180  
 gatattatac caaaactctg taagtgttag tttcttaaag gtttaattgca ttgtggaatc 240  
 tgaaatgagc tttttaaaaa aactaaacct ttgatacatt aaaatcagtt ggtctgtttt 300  
 gcactttttt tcagtggatc tttcatccat gcatgatttt ggtttttgtt tgagagagag 360  
 tcttactctg tcaccaggc tggggtgcag tgg 393

<210> 10481  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 10481  
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 tgggggctgg gccactccct tggagctctc agatctacag acaagctgtg tgaatgcata 120  
 gatgtaatct tgtctcaaat actaatcacag tggagatttg gtttatgtta ccattaagtt 180  
 cctctaaaaa gtttttcttc ctctcttcag agccaaaaata aaagtgaact acactgttca 240  
 gataaggatc caatctgatg ctgtcagatg gaccgagctg gttttgctta tggatcatgct 300  
 gcaatttgtt agaataatag gg 322

<210> 10482  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<400> 10482  
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 gaaacctgct gcaactattg ttattaaactc tgtatagctc caaacctgga acctcctgat 120  
 cagttttgaa ggrcattgat aaactgtgat tttacaataa cattatcatc tgcagttact 180  
 gtttacaaga ctgcttttac cttaaacttt gtagatgttt acatcttttt gttgtgtttt 240  
 aagatgatgt tggtaatttg tgccttttagc tctgttttat tagacagagt taaagcatgm 300  
 gtcttctttg ggattacact caggggtctg aaaggcagtt tgatttttat ttttaacaca 360  
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 gtgtctttat ttaattttac atctttttga a 451

<210> 10483  
 <211> 575  
 <212> DNA  
 <213> Homo sapiens

<400> 10483  
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 tgttaagaat aaggcctact ttaagagata ccaagtgaat tttagaagac gacgagagg 180  
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 acccaatac aggatgatag ttcgtgtgac aaacagagat atcatttgtc agattgctta 300  
 tgcccgtata gagggggata tgatagtctg cgcasgtatg cacacgaact gccaaaatat 360  
 ggtgtgaagg ttggcctgac aaattatgct gcagcatatt gtactggcct gctgctggcc 420  
 cgcagcttct caataggttt ggcattggaca agatctatga aggccaaagt gagtgactgg 480  
 tgatgaatac aatgtggaaa gcattgatgg tcagccaggt gccttcacct gctatttgga 540  
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<210> 10484  
 <211> 507  
 <212> DNA  
 <213> Homo sapiens

<400> 10484						60
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caggatgata	gttcgtgtga	caaacagaga	tatcatttgt	cagattgctt	atgcccgtat	300
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gttggcctga	caaattatgc	tgacgcatat	tgtactggcc	tgctgctggc	ccgcagcttc	420
tcaataggtt	tgccatggac	aagatctatg	aaggccaagt	ggaggtgact	ggtgatgaat	480
acaatgtgga	aagcattgat	ggtcagccag	gtgccttcac	ctgctatttg	gatgcaggcc	507
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<210> 10485  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<400> 10485						60
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tccgtctcgg	ggcttttagat	gcatggagg	tcccttttct	tgcccgtatg	ccagcctagg	240
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ggttgccgaa	gaagggttgc	gtgacttggg	cggcggtattg	gggagaagg	ggtttgtaa	420
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gggtaaaaact	gattattatg	ctcggaaacg	cttggtgata	caagataaaa	ataaatacaa	540
cacacccaaa	tacaggatga	tagttcgtgt	gacaaacaga	gatatcattt	gtcagattgc	600
ttatgcccg	atagaggggg	atatgatagt	ctgcgcasgt	atgcacacga	actgccaaaa	660
tatggtgtga	aggttggcct	gacaaattat	gctgcagcat	attgtactgg	cctgctgctg	720
gcccgcagct	tctcaatagg	tttggcatgg	acaagatcta	tgaaggccaa	gtggagtgc	780
tggtgatgaa	tacaatgtgg	aaagcattga	tggtcagcca	ggtgccttca	cctgctattt	818
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<210> 10486  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens

<400> 10486						60
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tgcccattsa	cagcttactt	tggacttgag	gtgtgtgcsa	gatgatgatg	gcctcagttc	180
aagacccaaa	cggaaataaa	aagagcttcc	tgaaaagaac	acagcagaag	tagtaaacca	207
gttctctatc	acaaaatgtg	caacagt				

<210> 10487  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 10487  
aattatcaca tcatagttgg ccccaacttcc cttttggaaa tgttcttgtc ctggtgttca 60  
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gactactttc tctgcttccc catcttacat tttaaaaatt actttaaaaa tggataatat 180  
gtacacgata tgaatttgaa aagggtacaaa aggtgtacaga gtgaaaaata aatgttttcc 240  
ttttccttcc tgccttgac aactaaaacc tgccaatcat caagtccctt ttccccaatc 300  
tggtcctttt caaccccaaa gtcattatct aggccagcc 339

<210> 10488  
<211> 81  
<212> DNA  
<213> Homo sapiens

<400> 10488  
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gtctcttttt tctttttttt t 81

<210> 10489  
<211> 596  
<212> DNA  
<213> Homo sapiens

<400> 10489  
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ttttctcaac agagagcaaa gggccaggca gtaaggtaga aatagagata aaaatcattc 180  
cttccttgtg atccaaagct ggtcgagcag ctttcctgga ggaaaagggt aatgaacttc 240  
aggtccctgc aactcagccc ccaccacaaa cacagccctg gaaacataca gtggcgcaag 300  
gtcctcttga aatgttaatg gttaatgttc ccaaaccaga gaatgctttg aaaatgtatc 360  
attcagtgtg aattaattac atacatatatt ttctatatat ttgtttcaaa ctgtaaaaat 420  
aacataatat gtaatttgtg tattagttag aggtgaagcc agctggactt cctgggtcga 480  
gtggggcctt ggagaacttt tctgtcttac aagaggattg taaaatgcac ccatcagtgc 540  
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<210> 10490  
<211> 379  
<212> DNA  
<213> Homo sapiens

<400> 10490  
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ggaagcacat ataagaatat tcctagaatt actgaaatgg caaaaaactg aaaaaaactg 120  
caactatcca ccaaaagtag gatatataga taaatcaata gactgataga ttggcagata 180  
gataggagtgt ctatacagct gttaaaaaata actgtaatgc agtgttactc atcaatctgg 240  
atgaatttca aaacccaaaat gctaagagga aagtgcaga agcagaaaag accatagaaa 300  
ttattccatt tctgtaaggc caaaacaagc aaaattcagc aacatagtgt tttgaaatgc 360  
attcatatat ggtagaact 379

<210> 10491  
<211> 237  
<212> DNA  
<213> Homo sapiens

<400> 10491

agaaaaataa gaaaagaagc attgagggaa aagagtcaga gagatactga gtttttttta 60  
aaggagttga aactcatatc ttccgactcc caaatccaaa acctcaaact tggaaatttt 120  
taggaagaaa acattttattg ggtactaaga cccacgcta ggtctggccc acataattta 180  
atcttcacag cagtcctgt ggggcaggtg tttttatttc caccattcag atgaaga 237

<210> 10492  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 10492  
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gccaaatcgt tcttcgggaa gccagtkcac ctttccaaaa ataagtatg agagaatata 120  
tttacctgta ccttcactaa trctagattc tgttgctttt gtgtacaaga tatagatcta 180  
gattttcaca tataaggatt ccttaaagca aggaacatca tagtacaata aaaataagac 240  
aaaatctcgt tcaaggagct gtctgtattc aacacctga aagttctaag ctacatcaac 300  
agctggaaca gtacagaaac actatctctc agggaggaca gaggaccagg taccaaatag 360  
atcctggcaa aggaacaggc atggaagttt ccagag 396

<210> 10493  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 10493  
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aagaaattgt agatgtatgg tgggtttttg tctttgtttt tctcttagaa tcagatactt 120  
ttagttccag agggcatttg ttataggtat tcaaaaaatc caccaacact tttttt 176

<210> 10494  
<211> 121  
<212> DNA  
<213> Homo sapiens

<400> 10494  
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ctagaatctc tgacttattc cgactttatg agttgaggaa atgacacata atactcatcc 120  
c 121

<210> 10495  
<211> 559  
<212> DNA  
<213> Homo sapiens

<400> 10495  
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gtttgtagtc attttaagta gcatgagcca tgcctctgta gtcggtaggg ggcagtcctg 120  
ctttattcat cctccatctc aaaatgaact tggaaattaaa tattgtaaga tatgtataat 180  
cctggccatt ttaaaggggt tttctcaaaa gttaaacttt tgttatgact gtgtttttgc 240  
acataatcca ttttgctgt tcaagttaat ctagaaattt attcaattct gtatgaacac 300  
ctggaagcaa aatcatagtg caaaaataca ttttaagggtg ggtcaaaaat aagtccttta 360  
ttggtaaata ataagcatta attttttata gcctgtattc acaattctgc ggtaccttat 420  
tgtacctaa ggtgtgtgca ctgtataaaa cagaaagcac taggatacaa 480  
atgaagctta attactaaaa tgaattctt gacactctt ctataattag cgttcttcac 540

ccccaccccc acccccacc

<210> 10496  
<211> 161  
<212> DNA  
<213> Homo sapiens

<400> 10496						60
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attgtctaga	acagactgag	agtgacacgc	atatttgatt	gtgaggacag	tttttgtcat	161
aatatctggt	tatcgtgtga	tattaaacta	ctgaagtagg	g		

<210> 10497  
<211> 542  
<212> DNA  
<213> Homo sapiens

<400> 10497						60
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ataaaagact	ccacccgagc	ggggggccgc	cattctgggg	ttcgtttaga	ggtttgaatt	180
ttctcggaga	aagacaggcc	ggccacgagg	aaaacagaaa	caagccgcag	caacatctaa	240
gcccttgaaa	ggatcctgag	agagggggga	aagggaaaac	agcagccacc	agcccaacca	300
cttgtgtctt	ctgccccctc	ccacctatct	tgcccccccc	accagcccac	gctgcttggg	360
acttgaaatc	tgtggccgaa	gaccgtcact	acataacttc	aaaaataatc	aaccaccctc	420
ccttcccaaa	ccacccaaat	tcactcatcc	agcgtttact	tttttgaatc	cactcagaac	480
ttttttctgc	gacccccctc	cctaaatgga	gttgggtggg	ggggaaatga	atactgagtt	540
ggcctttatt	ttttaaaaga	ctttttgatc	caatgaggcc	cctaaataat	tgagtttggg	542
tc						

<210> 10498  
<211> 442  
<212> DNA  
<213> Homo sapiens

<400> 10498						60
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aggattttga	aaaataatct	agaaatgcta	taccctttat	caaaattatt	ttttactttg	180
caagagctta	acagtttttg	ttttttctta	gcaattctat	aaaattaaca	tctataaaat	240
gcatcccgga	ccagatacat	actgtattga	aagctttctt	caggaagaga	atatgagagt	300
gttctttcca	gcttattttc	ttccttagca	aaaggattgt	ttgattctca	gaagcagaag	360
gacacattca	ttgtggagca	gctctgctta	agtgtatgaa	atgccttctg	tctgggtgca	420
gaatttgag	tttactaaac	agtgtttagt	gattgggctc	atcttgcatc	accagttgat	442
gacatttttc	tttgttccct	cc				

<210> 10499  
<211> 359  
<212> DNA  
<213> Homo sapiens

<400> 10499						60
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ttgtgtcttt	ggtgaatggg	gttcttcctt	ttttatttac	cggtggctgt	gcttccaatt	180
taggaagacc	ccggcgacct	gttcctcacc	cccgtctcgc	cctcacactt	tcgggatgtc	240
tgcgattcct	gctgaggaga	gcgaccagct	gctgatccga	ccccttgagg	ctgggcaaga	

agtaggaaga tcatgtatta ttctcgagtt caaaggaaga aaaataatgc tgcactgtgg 300  
gatccaccct ggcctagaag gaatggatgc tcttctwaw attrattaaa tgaaccars 359

<210> 10500  
<211> 420  
<212> DNA  
<213> Homo sapiens

<400> 10500  
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tgttactctt tctgatgatg attctagggg taacattgga accatctcaa aataattaca 120  
aagtttttagr atgggkttac caatgtcttc taaacaatgt aatctaaaaa taattgagtc 180  
agatgctaac gagatactgc aggcataact gctgtttttc tgacaactga ttgtgaaacc 240  
yttaaaacct gcataacctt tcttacagtg aggagtatgc aaaatctgga aagatattct 300  
atttttttta tataggtaga taggatcgcc atttatttcc tatttagata tactgacatt 360  
catccatag aaaatatgca ggtcattagc ttactataat ttacttttga cttaatgggg 420

<210> 10501  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 10501  
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ttttaaggaa gtattatttt atttaagagt ctgtatccct ttgtgtgaga ggaacccaaa 180  
gaggggtccac ttttgcttta aagctctgtc ccttaccnc tgacaactct gctactttta 240  
ttttatctta gaaaatgtca atatagacat atcacagggt taataaraga racttttcac 300  
aaagattttt gtacaagtgt agctatcagg ttatatattga naatnaccct ctgaaaccag 360  
ccaacattgt catgacaatt t 381

<210> 10502  
<211> 333  
<212> DNA  
<213> Homo sapiens

<400> 10502  
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acatctcccg gtgcttcacg cggaaatata cgctgcccc cggtgtggac cccacccaag 120  
tttctctctc cctgtcccc gagggcacac tgaccgtgga ggcccccatg cccaagctag 180  
ccacgcagtc caacgagatc accatcccag tcaccttcca gtcgcggggc cagcttgggg 240  
gccagaagc tgcaaaatcc gatgagactg ccgccaagta aagccttagc ccggatgccc 300  
accctgctg ccgccaactg ctgtgcctcc ccc 333

<210> 10503  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 10503  
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acatctcccg gtgcttcacg cggaaatata cgctgcccc cggtgtggac cccacccaag 180  
tttctctctc cctgtcccc gagggcacac tgaccgtgga ggcccccatg cccaagctag 240

ccacgcagtc caacgagatc accatcccag tcaccttcga gtcgcgggcc cagcttgggg 300  
 gcccagaagc tgcaaaatcc gatgagactg ccgccaagta aagccttagc ccggatgcc 360  
 acccctgctg ccgccaactgg ctgtgcctcc ccc 393

<210> 10504  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 10504  
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 agaaacgcga ttgagagcag tgtgtggatt acactatcac tggaaaaata cgaattgaga 180  
 agaaggaaaa gactggaaga tgcagacctt ggctcctggt agtggaaacm ctgtaaggg 240  
 cccagaaaat ggaaamgaaa atgaaataaa tcagcagtta tgaggcagag cctaagagaa 300  
 ctatggcaac atcaggtgac tgtcccagaa gtgaatcgca gggagaagag cctgctgagt 360  
 gcagtgaggc gggctcctctg caggagggag tacagccaga ggagtttgtg gccatcgcg 420  
 actacg 426

<210> 10505  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 10505  
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 gaaacgcgat tgagtagaaa tggaaaagaa aatgaaataa atcagcagtt atgaggcaga 180  
 gcctaagaga actatggcaa catcaggtga ctgtcccaga agtgaatcgc agggagaaga 240  
 gcctgctgag tgcagtgagg cgggtctcct gcaggagggg gtacagccag aggagtttgt 300  
 ggccatcgcg gactacg 317

<210> 10506  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<400> 10506  
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 taactaggcc acttgtgggt gctgacactt gaggtggag aactgcttga gtccacgatt 180  
 tcgagacctg ccttggcaac ataataagat tctatcgaga gtgcagtaag ctgtgatcat 240  
 gccactgcac tgcagcctgg 260

<210> 10507  
 <211> 491  
 <212> DNA  
 <213> Homo sapiens

<400> 10507  
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 gggcatcttg gaatcatgac tcccacaatg ccttgggcac ttggctcgaca gtggggccgc 180  
 ctctgaaaaa aaaatgtgag aggttggtac taagaagtgc ctttctctgac gtctctgctg 240



cttgaaccg cttctagagc agtctctgct tttgccttgc ttgctgccag ctagactgtg 300  
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 gagaaaagct ctaagtatct ggcattgccc taggctgctt tagtggttaa agaaaagttt 420  
 gctgaaaaag taagatatct tctgccagga aatcaaggag gaaaaaaaaa atcatttyct 480  
 cgattttgct c 491

<210> 10508  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

<400> 10508  
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 gggcatcttg gaatcatgac tcccacaatg ccttgggcac ttggtcgaca gtggggccgc 180  
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 accccc 246

<210> 10509  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 10509  
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 aatgtgagac gaatttttga gcgggtaaag gtcgccctca aggtgacccg cctactttgc 120  
 gggatgcctg ggagttgcga tctgcccagc cctattcacg cctaaaaagt agactgactg 180  
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 ttctccgtta ctcaggctgc cagttgcttg gcagtcttgt cgctggctgt ggacgctctg 300  
 cacttcatca ccgtccccag ctgcgctttg agccgg 336

<210> 10510  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 10510  
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 gacaatgccg tcttctgtct cgtggggcat cctcctgctg gcaggcctgt gctgcctggt 240  
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<210> 10511  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<400> 10511  
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 gtcttggttt gtgtgtatag atttatgtat gtatctattt atgtgtgttt gtgcatgcat 180  
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<210> 10512  
<211> 441  
<212> DNA  
<213> Homo sapiens

<400> 10512  
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catgttttgg caggctgggc tcgaactcct gaccttgtga tctgcctgcc tcggcctccc 180  
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aaatgccaac tccatcctta atctcaagga aatctgattg tccaaataga tctgttaata 300  
tgtaacatat taataggtaa cttgctgtgt aaaattataa gccatatttt aaaagggttt 360  
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ggtttatttg taagaataag a 441

<210> 10513  
<211> 364  
<212> DNA  
<213> Homo sapiens

<400> 10513  
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cagaggacac atatgtcctc tttgaatgtc tcctttttgg gagcagtagg agaaagaaac 240  
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<210> 10514  
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<212> DNA  
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cgattgtaag gagaggcggc cccggtgtcc tcgggtccca ggtgattgtg aagtgtgtac 180  
caattgccac tggacatact tgaaacaaaa taggaaaatg gcagcraact ctccaggaca 240  
rgaaacaggg tctcgctttg ttrccaggc tg 272

<210> 10515  
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<212> DNA  
<213> Homo sapiens

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atttttagttt gccactgat tttcaaagt ctgtgggatt gcttataact aagtagaaag 180  
tgaagattga tttttactta agaatgggat agagatgagt tttatggttt ttaaaagtat 240  
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ggagcaactt gttttaaaat aactacacta aaagactttc ttcattctccg tatagagaaa 360  
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 aagcctgaac atgtggggtt tttaaatcaa attggaaaaa aattagacaa ctgatgtcat 540  
 gctgtcttgg tatccatact aaaaaagtat caggaaaaata gattattttt gtgctgtgaa 600  
 aactatttca gtggaaagtt tagtggcact tttccatata attcatgact taatacctga 660  
 aatgcac 667

<210> 10516  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 10516  
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 gtatgagaag aaccaracag gttgaaaaaa atgatgacga ccaaaagatt gaacaakatg 180  
 gtatcaaacc agaagataaa gtcataagg ccgcgcggat ggggtgtactg agagaaaaaca 240  
 tgtaattgag gatggagcct tgaggataat gacgaacatt ggcaatgcca gctgtggagg 300  
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<210> 10517  
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 <212> DNA  
 <213> Homo sapiens

<400> 10517  
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 aaaatagatg tagtgaatca gtccctttgt gaatgtccta ttgttagttt ttaggaaggc 120  
 ctgtcttctg ggagtaacct ttattagtcc acttcttggg gctagacgtc ctatacttag 180  
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<210> 10518  
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 <212> DNA  
 <213> Homo sapiens

<400> 10518  
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 cttcattgga ttaatcagct ggtttcaact ctactgcgaa acaaaaatag ctccttaaaa 180  
 gtactgttct ccttcagtgg catgtagtta tctaatacag acacctcatt caaacaaaac 240  
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<210> 10519  
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 <212> DNA  
 <213> Homo sapiens

<400> 10519  
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tccccactcc ctgcacccag cactgtattg cagaggccca gtttgggtat ttatcttaca 180  
gagacgctgc cttcttcatg aaatcgctct aaaaatagct tcatttaact aggccatttg 240  
acaggctttt tcagactttt tctcagacca gtctgaaagc cggatattat ttcaaacaga 300  
tacaatgaac attgaaccgc atcacaaggc atctgtaccc tattcaggct gctggggagt 360  
gataagacta cctcaaatcg ctgtgtgtag 390

<210> 10520  
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<212> DNA  
<213> Homo sapiens

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gaggaggagg caggacagac cagaagagag acaatgaggt tctgaaccta gatgttggcc 240  
aagggaagcag aggagggcag gtcaggaggc cctcgccctg caatcacctt tcttggggagc 290  
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<212> DNA  
<213> Homo sapiens

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agattyagag gtggcagggt ggaagtttgg aaaagtaaaa ttanaggaaa aatagtacct 240  
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tttattaaat tgcagatgca attaaatact ctaactatat ttaagaactt aaaacttgaa 360  
gttcagtctt tagtagttat aggctgaatt ccattccnnw raggtctaaa gcatgtcaga 404  
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<210> 10522  
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<212> DNA  
<213> Homo sapiens

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tttcctctga aagccatctg ctttccattt aagatgaagg tttgtgggtg gtaggcttgg 173  
tttcgtgtaa atactaatct tattaacctg gtattggtaa gaagttgttt tag

<210> 10523  
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<212> DNA  
<213> Homo sapiens

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ctgtataata ggcgaaactg tgaggcaaat aaaatgcttc tcaaactctg gtggctctta 219  
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<210> 10524

<211> 447  
 <212> DNA  
 <213> Homo sapiens

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 caagtgatca ttttctggta acgttttcca gtggtaactg ttactcttca aaaagagggg 180  
 cagaaagtca agacctaatt gtggaaactc ttttctctgc cagccttggt aataggaggc 240  
 aacctctatt aaatggacga taaaggctac ttcattctaaa gtgctttgag ctcaagaaa 300  
 agctgtcttc agcacctcac catgtgtcta cattttgttg cttagaaaag cctaggcatt 360  
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<210> 10525  
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 <212> DNA  
 <213> Homo sapiens

<400> 10525  
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 ctggcctgca tcatggagat tccaaagggt ttcctaaaaa tataaccaac aacaggggga 240  
 aaaaaagata cccagattcc aaggacctca cgatgggtgt gaaaacctat gacaccagct 300  
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<210> 10526  
 <211> 381  
 <212> DNA  
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<400> 10526  
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 atcacggcgg agttgtacac gggctacccc ctgttccccg gggagaatga ggtggagcag 180  
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 acttgtaag tcgacatcta a 381

<210> 10527  
 <211> 255  
 <212> DNA  
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<400> 10527  
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 aatttcacat tagaaaacga gggatgaatca ggacatttct caatctgtgg ctctgggggt 180  
 taggccaata gtttttgagc atgaccacac ccgggaaact taaaaatata agcttcctga 240  
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 <212> DNA  
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aagtaggtaa	aaaatataca	ttcagctgaa	agcattacac	taacatttac	attttaagcc	240
ttaggaggtt	attcagccca	attcccagca	gtagagagaa	tactaaactt	gtgtctcaag	300
gtttcatggt	tttcccacgt	tctttggcta	ttaatttaat	ttcccaggtc	acgtagacaa	360
tcattgataa	ttgaaacaag	tcctgagttg	aaataacctt	gagttgagca	aaaatatcct	420
cattttggca	gaagctgggc	ttggtagtag	agtaaaattt	tagtkanatg	tgctcttgta	425
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 <212> DNA  
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 <212> DNA  
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arggtcaagg	atgcattcca	ggaaagtctt	ataaaaaat	accatcagcw	ccaacctgat	240
atttgacctg	gccatggaaa	acctcattgg	ctcctcactg	gatcagacca	taaaaatgat	300
ccaggaatga	aaatctaaga	taaattccca	ccacttcaag	atgttcttat	acaagtsaac	335
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 <212> DNA  
 <213> Homo sapiens

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gccgggtcgc	tgcggctggg	ctggagggtca	aggatgcatt	ccaggaaagt	tctataaaaa	240
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ctggatcaga	ccataaaaaat	gatccaggaa	tgaaaatcta	agataaatcc	ccaccacttc	360
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<210> 10532

005139.12400

<211> 127  
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 cttttttt 127

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 <211> 107  
 <212> DNA  
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<210> 10534  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

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 acataaaata aacctatata atatatcatc tttcattct 159

<210> 10535  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 10535  
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 aaaaataaat tctcgttgta aaaaactggc tccaccccaa tctccagtc cattgcgggc 180  
 atgccctgac aagaccctgt gcagggtccc ttatctgcac aaaaatatct ggtgtaaaca 240  
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<210> 10536  
 <211> 183  
 <212> DNA  
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<400> 10536  
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 aaggcacctc ctggtgtcta actcccccaa agacaatgag ttaagggaga gaataagaac 180  
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<210> 10537  
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<212> DNA  
<213> Homo sapiens

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gaccccaaca ccattatcga ggccctgcg ggccaccatgg acccagccct gcgtgaggcc 180  
gcggagccag ctcaatgaag cacacaagtc tctgaatttt gtctcaacac tgctccagat 240  
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tatgataaca cagtattggc ctgacgaga aacagcacca ggggatatat ccccttatac 360  
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ctcctgagct catcagggtg cagcttacta catgcatcat caca 464

<210> 10538  
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<213> Homo sapiens

<400> 10538  
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<210> 10539  
<211> 181  
<212> DNA  
<213> Homo sapiens

<400> 10539  
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<210> 10540  
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<212> DNA  
<213> Homo sapiens

<400> 10540  
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gataggagga ggaggggacc cataggacgc gttaacatgg acctggaaaa caaagtgaag 180  
aagatgggct taggtcacga gcaaggatta gga 213

<210> 10541  
<211> 349  
<212> DNA  
<213> Homo sapiens



0044320 666E T560

<400> 10541  
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<210> 10542  
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 <212> DNA  
 <213> Homo sapiens

<400> 10542  
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<210> 10543  
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 <212> DNA  
 <213> Homo sapiens

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 gaggccattc cagccttaag agatatttct attagtgaag taaaccaa atgttctttctt 420  
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 <212> DNA  
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<400> 10544  
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<210> 10545  
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 <212> DNA  
 <213> Homo sapiens

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 aatcctagtg cattcctttg atgagaaaac aaggaagatt tcttttcgta ttatgatctt 180  
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<210> 10546  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

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<210> 10547  
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 <212> DNA  
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<400> 10547  
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 catgtttcac cacaagggca gccaggcaag ggggcacctt tactctcaca catctaggag 180  
 gtgttttagt ctaggctcta ttgctaaggg gccaaataaaa atattttttt ctactggg 238

<210> 10548  
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 <212> DNA  
 <213> Homo sapiens

<400> 10548  
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<212> DNA  
<213> Homo sapiens

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<213> Homo sapiens

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gagggagaga gagagaaaga agagcaggaa agatcccgaaggaggaaga ggtggcgaaa 180  
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<210> 10553  
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<212> DNA  
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<400> 10553

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<210> 10554  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<400> 10554  
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 gtttmcttta gtgcatgtta ttgtcatgtt atgatgtgac tggggtgttt ctttgtcatg 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 10555  
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<210> 10556  
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 <212> DNA  
 <213> Homo sapiens

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 caagggtctt tcccggcttg gcaatctcag ctgtgccggc gctacgggac cckagccgtc 240  
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 tatgagaatg gaaacttcta aggaagccag gttgttagaa ttgttaccct ctttactcag 360  
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 agactc 426

<210> 10557  
 <211> 495  
 <212> DNA  
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<400> 10557  
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<210> 10558  
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 <213> Homo sapiens

<400> 10558  
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<210> 10559  
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 <213> Homo sapiens

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 aatcaaaaaa ggaacwgtaa tttaaagttt attccatcaa atacgatgag gggctctttc 300  
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<210> 10560  
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 <212> DNA  
 <213> Homo sapiens

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 gccacatagc agaactttaa aagtgtcat cattggaaaa cgttcttcgg ggcgaaaact 240  
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<210> 10561

<211> 232  
 <212> DNA  
 <213> Homo sapiens

<400> 10561  
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 gccccgcaat aagtgttaca gcaaccagag ggaaggtagg aggaaggga gaggaagaag 180  
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<210> 10562  
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 <212> DNA  
 <213> Homo sapiens

<400> 10562  
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 ccctctccag aagaggagaa gaggaacac aagaagaaac gcctggtgca gagccccaat 360  
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 aaaaaataaaa ttaaaaaaga tgaggtctga taggggagca gccggataag aaaatcaaaa 480  
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<210> 10563  
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 <212> DNA  
 <213> Homo sapiens

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 ccctctccag aagaggagaa gaggaacac aagaagaaac gcctggtgca gagccccaat 360  
 tctacttca tggatgtgaa atgcccagga tgctataaaa tcaccacggt ctttagccat 420  
 gcacaaacgg tagttttgtg tgttggtgc tccactgtcc tctgccagcc tacaggagga 480  
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<210> 10564  
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 <212> DNA  
 <213> Homo sapiens

<400> 10564  
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 atcagaactg aggtagctta gagatgtagc gatgtaagtg tcgatgtttt tttaaaaaaa 180  
 aatgcaaaaa attctnatgg cggagttttt tgkygttta ttttagtagc tgatgctggc 240

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<210> 10565  
<211> 405  
<212> DNA  
<213> Homo sapiens

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agtgatcaga	tgggcttaag	agattttttt	tttgtttcaa	taacttgaat	tgaagctcaa	240
gattattgaa	agttaatatt	ttcatatgat	tagactaaag	cttttgagta	taagaaaaat	300
cagattgttg	aggtcattca	taatgctgag	tcattgggtat	aatttgatga	cagagttaat	360
actttcatca	tttttttctc	tckgtccttt	tgcaattcat	yctgtagggg	ttctttgact	405
cacgcttcaa	ttagctcact	aattcgycct	taaatgaagt	caccc		

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<212> DNA  
<213> Homo sapiens

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attgccctgc	ctgggctcat	agggaggag	gatgtgaagg	agcttgtaga	ggcagaggaa	224
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<210> 10567  
<211> 439  
<212> DNA  
<213> Homo sapiens

<400> 10567						60
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aggaaaaatg	aagagagttt	ctagtttaat	gggttaaatt	tttgttgttg	caatagtaag	360
tttagtcttc	ttataatatt	tctaaatgaa	aatcatagg	tatttgttac	catgtgtgaa	420
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<210> 10568  
<211> 412  
<212> DNA  
<213> Homo sapiens

<400> 10568						60
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tgctgatgtc	atgaagcttc	cataaaaaatc	caagaggaca	gagttcaggg	agcttggtga	360
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cgctcttcc cccatacctc gccctaagcg tctccttacc tgtatccttt gc

412

<210> 10569  
<211> 438  
<212> DNA  
<213> Homo sapiens

<400> 10569  
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ttgactaaaa tctcaaaagg agttcatgcc ttattccatc tacaatcacc ttgttaccag 360  
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<210> 10570  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 10570  
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<210> 10571  
<211> 434  
<212> DNA  
<213> Homo sapiens

<400> 10571  
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tccatactga tatatgcagt cattttgaat tggacagtgc cttctctttt tttttctcct 240  
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<210> 10572  
<211> 237  
<212> DNA  
<213> Homo sapiens

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<210> 10573  
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 <212> DNA  
 <213> Homo sapiens

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 gccatctggc gccgactctg ggatgaactg atgaagacaa ggccttcag tttggaaagt 180  
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<210> 10574  
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 <212> DNA  
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<210> 10575  
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 <212> DNA  
 <213> Homo sapiens

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<210> 10576  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 10576  
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<210> 10577

<211> 423

<212> DNA

<213> Homo sapiens

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aaatcctgat tactcaaggc ctccaatggg ctgtgtcctg aaatcttagg caagccccat 360  
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cga 423

<210> 10578

<211> 93

<212> DNA

<213> Homo sapiens

<400> 10578  
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tcccgtatcc cttttgtcac tctctctctc tct 93

<210> 10579

<211> 331

<212> DNA

<213> Homo sapiens

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catgtcttgc tggtgatttg tgaataagaa ccagagcttg tagaaaccac tttaatcata 240  
tccaggagtt tgcaagaaac aggtgcttaa cactaattca cctcctgaac aagaaaaatg 300  
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<210> 10580

<211> 347

<212> DNA

<213> Homo sapiens

<400> 10580  
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gtgttttact taactgccta taaaaatcgt aagagtaatt tttttcagtt gatgtactga 180  
ttgagcttga gttgctgtta tacagcattt gacaggaact ataccttgga aaatcagatt 240  
gtgattctca gttctgtggt gcttttggtt tgaagagttt tgggaacggt ttaattatta 300  
attacccttc tctaaacttt aaaaaaaaaa aargcttttc ccattaa 347

<210> 10581

<211> 148

<212> DNA  
<213> Homo sapiens

<400> 10581  
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<210> 10582  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 10582  
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gaaaaatcta acctagagtc cctcctccac tccctccatc tcaaactcaa ttaaaaaaar 120  
raaaaacaga tccatccagt gtgccacagt gagataccaa tcagtaatca tgtaca 176

<210> 10583  
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<212> DNA  
<213> Homo sapiens

<400> 10583  
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ttcaagggtgc ctttcaacgt ttttccttag tctttggaaa gaactagtaa tgaaggaatc 240  
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<210> 10584  
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<212> DNA  
<213> Homo sapiens

<400> 10584  
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gtagggtcaac agccaactcc gagaaaaggag tgtggtcctt taagggtgtg cgccaagggg 360  
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agagtgtcta atcctgcagt catggcgag gaagaggaag atggttagaga ttacaatttg 480  
actgaagaac agaaggcgat caaggccaag tatccgccag tcaataggaa gtacgagtgt 540  
aacagaagtc aaagcaataa catattcagc aatgcagggtc tataatgaag agaaccggga 600  
agtttttgtg atcattgaca ttttaag 626

<210> 10585

<211> 556  
 <212> DNA  
 <213> Homo sapiens

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gcagaagatg	gggttttggc	tttttaaata	tgcatccaa	gcggcagggg	agggactaaa	360
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cggagtctag	agcggaagta	gtaactccgg	gccgaagtcc	ggtggatgaa	gggcggaagt	480
agagtgtcta	atcctgcagt	catggcgag	gaagaggaag	atgttagaga	ttacaatttg	540
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<210> 10586  
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 <212> DNA  
 <213> Homo sapiens

<400> 10586						60
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ttcaaggtgc	ccttcaacgt	ttttccttag	tctttggaaa	gaactagtaa	tgaaggaatc	300
gcagaagatg	gggttttggc	tttttaaata	tgcatccaa	gcggcagggg	agggactaaa	360
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agagtgtcta	atcctgcagt	catggcgag	gaagaggaag	atgttagaga	ttacaatttg	540
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<210> 10587  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens

<400> 10587						60
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atcaattttg	ggggtgaagc	gggggaaaga	acctcgccag	tgagaccag	acgggtttca	240
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gaatttggat	catacagcag	atgtccatgg	attgtattac	acagagcatg	aataacttc	617
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<210> 10588  
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 <212> DNA

004220 " 666CT560

<213> Homo sapiens

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 ttcaagggtgc cttcaacgt ttttccttag tctttggaaa gaactagtaa tgaaggaatc 240  
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 gtaggtcaac agccaactcc gagaaaggag tgtggtcctt taagggtgtg cgccaagggg 360  
 cggagtctag agcggaagta gtaactccgg gccgaagtcc ggtggatgaa gggcggaagt 420  
 agagtgtcta atcctgcagt catggcgagc gaagaggaag atgttagaga ttacaatttg 480  
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 ttggatcata cagcagatgt ccagtgggga gaagaatttt cattgtccaa gcaccctcag 600  
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<210> 10589

<211> 741

<212> DNA

<213> Homo sapiens

<400> 10589  
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 atcaattttg ggggtgaagc gggggaaaga acctcgccag tgagaccag acgggtttca 180  
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 gtaggtcaac agccaactcc gagaaaggag tgtggtcctt taagggtgtg cgccaagggg 360  
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 agagtgtcta atcctgcagt catggcgagc gaagaggaag atgttagaga ttacaatttg 480  
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 ttggatcata cagcagatgt ccagaagtga aagtacttag cattgatcaa agaaatttca 600  
 aattacgac aattgggtgg ggagaagaat tttcattgtc caagcaccct cagggaacag 660  
 aagtcaaagc aataacatat tcagcaatgc aggtctataa tgaagagaac ccggaagttt 720  
 ttgtgatcat tgacatttaa g 741

<210> 10590

<211> 342

<212> DNA

<213> Homo sapiens

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 cactagagca gactacgagt ctgaggcgga gggagtaatg gcaggacaag cgtttagaaa 120  
 gtttcttcca ctctttgacc gagtattggg tgaaaggagt gctgctgaaa ctgtaaccaa 180  
 aggaggcatt atgcttccag aaaaatctca aggaaaagta ttgcaagcaa cagtatcgc 240  
 tgttgatcg ggttctaaag gaaaggtaaa tgggagctgc agtggaacta ttttttatag 300  
 tgtgcagtgg agggaaaaga agtaattctg gagtattaaa ag 342

<210> 10591

<211> 412

<212> DNA

<213> Homo sapiens

<400> 10591  
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agtgtgtgtg aaactgtaac caaaggaggc attatgcttc cagaaaaatc tcaaggaaaa 180  
gtattgcaag caacagtagt cgctgttgga tctgggttcta aaggaaaggg tggagagatt 240  
caaccagtta gcgtgaaagt tggagataaa gttcttctcc cagaacatgg aggcaccaa 300  
gtagttctag atgacaagga ttatttccta tttagagatg gtgacattct tggaaagtac 360  
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<210> 10592  
<211> 326  
<212> DNA  
<213> Homo sapiens

<400> 10592  
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tcattctgaa caaaagggat tagagaagaa aaatctcttg atataaggct tgaaagcaag 120  
ggcaggcaat cttggttggt aatattttct gatttttcca gaaatcaagc agaagattga 180  
gctgtgatg tcagttaact ctgagaagtc gtcctcttca gaaaggccgg agcctcaaca 240  
gaaagctcct ttagttcctc ctctccacc gccaccacca ccaccaccgc cacttttgcc 300  
agaccccaaya yccccgwwac cagacg 326

<210> 10593  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 10593  
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ctgaaccgag cggccgaacc ctccggtgtc ccgaccagg ctaagcttga gcatggctga 120  
gcaggagccc acagccgagc agctggcccgt gtgatggcca cgccctcacc atgtccctgg 180  
cagaggggctt ccctccggga tccctgcct ggtgcccac 219

<210> 10594  
<211> 725  
<212> DNA  
<213> Homo sapiens

<400> 10594  
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gcattctttg gattccttca gtctatggtt caagtcacta aagattcatt tttgttgagt 180  
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cagtcactc cacttaaat gatgacacaa gcagctaata accatttctg ggtttctgcc 420  
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tcattgatat acagccacta tttatttttg atcagtggcc tttgggccac tgttcagggt 660  
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<210> 10595

<211> 227  
<212> DNA  
<213> Homo sapiens

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ggagctgctg	gctgagaaaa	tggctgttga	tggtgggtgt	ggggacactg	gagactggga	180
aggctcgtgg	aaccatgtaa	agaagttcct	cgagcgatct	ggacccttca	cacaccctga	227
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<210> 10596  
<211> 256  
<212> DNA  
<213> Homo sapiens

<400> 10596						60
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cgagcagcca	ctagacgctc	caccaccatc	ttttgcatgt	gcaacatttg	cagccggaca	180
gaaaacctct	cccagggcta	tgagagactgc	gggaaaaatc	tgccggctcg	cgatggattg	240
ctaaggagaa	ctagtataaa	tcttaaacca	ccgaaacctc	tttccttttt	tttctttctt	256
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<210> 10597  
<211> 194  
<212> DNA  
<213> Homo sapiens

<400> 10597						60
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agtgatggcg	taaacctgga	agccagagaa	tatcatctaa	atattgacat	ttcaagaaac	194
cgatgtataa	ggaa					

<210> 10598  
<211> 249  
<212> DNA  
<213> Homo sapiens

<400> 10598						60
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gttttaarga	agawtgaagg	aaaggcaatt	tggtttttca	gataccagga	tttattgtga	240
agtcataatta	attaattcaa	agtgatgtta	gtgcaaggat	agcaagcata	ctaattaaac	249
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<210> 10599  
<211> 507  
<212> DNA  
<213> Homo sapiens

<400> 10599						60
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gcaggatact	gcaaagaaca	tggkttawtt	taaaaattta	taaacaagtc	acttaaagtc	360
cagttgtctg	aaaaatctta	taaggtttta	cccttgatac	ggaatttaac	aggtagggag	420
tgtttagtgg	acaatagtgt	aggttatgga	tggaggtgtc	ggtactaaat	tgaataacga	480
gtaaataatc	ttacttgggt	agagatg				507

&lt;210&gt; 10600

&lt;211&gt; 389

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 10600						60
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gaaaaatgaa	acacttgggtg	gaacatgctt	gaatgttgggt	tgtatatect	tctaaggctt	389
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&lt;210&gt; 10601

&lt;211&gt; 452

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 10601						60
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ccccagaacg	atctcacctt	ccttcgaatt	cgctccaaga	aaaatgaaat	tatgggttga	360
ccagataaag	actatttcct	gattgtgatt	cagaatccaa	ccgaataagc	cactctcttg	420
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tggactagca	catggcagtn	gcttggaacc	ca			

&lt;210&gt; 10602

&lt;211&gt; 483

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 10602						60
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aggttactct	aatgttgact	tttaaaaatg	aaattcaaaag	ctttctgggt	tctgatccag	240
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atgaagaagc	gcttaagatg	gcagttaaac	agggaaacca	actgcagatg	caagtccacg	420
aagggcacca	tgtcgttgat	gaagccccac	ccccantgta	ggagcaaaac	gactagctgc	480
cagggcaggg	aagaagccac	ttgcacatta	ctcttcactg	gtgagagtct	tgggatcaga	483
cat						

&lt;210&gt; 10603

&lt;211&gt; 154



<212> DNA  
<213> Homo sapiens

<400> 10603  
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gctcagaaga aacgggaaat tgaagccaaa atggaacaga aagccaagca gaatcagggtg 120  
gccagccctc agccccaca tcctggcgaa acca 154

<210> 10604  
<211> 255  
<212> DNA  
<213> Homo sapiens

<400> 10604  
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tccggcattt gcagcagagc gaaaggtggt cgagtcctga aggagggcct gatgtcttca 120  
tcattctcaa attctttaa gctctgcgtc ggggtgaaacc agacaaagcc gcgagccag 180  
ggatgggagc acgcggggga cggcctgccg gcggggacga cagcattgcg cctgggtgca 240  
gcagtgtgcg tctcg 255

<210> 10605  
<211> 151  
<212> DNA  
<213> Homo sapiens

<400> 10605  
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tcattctcaa attcttgagg cagccaata t 151

<210> 10606  
<211> 450  
<212> DNA  
<213> Homo sapiens

<400> 10606  
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<400> 10607  
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ggacaaaaaa caaaaacttg ttcttaatta acaaaagaac tagaaagaag ctcatatgaa 180

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 <213> Homo sapiens

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 <213> Homo sapiens

<400> 10609  
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 acaaagaaaa tggcatcatt aagtctgatt tgggactaaa tagtagctat aattcaaaca 180  
 tatttagctt ctttagtgta attgcaagaa caaatgaatt atatcaccat ttgaaggcag 240  
 ttcttaaagc aggttatctt aagagggtata gataattttt attaacaaat ggagaaaaat 300  
 gagacaacta tgttttcata aamwtttact agggattttg atgataccgt cttctgtctg 360  
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 ctcttaatga cagttaagga ga 442

<210> 10610  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

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 aacgtagttc ctgagagata gcaaaccatgc ccaacagtga gcccgcatct ctgctggagc 180  
 tgttcaacag catcgccaca caagtgggag ctcgtaaggt ccctcnmagc gggaaatgcg 240  
 tcaaaggatg aaattgatc tgcagtaaag atgttggtgt cattaaaaat gagctacaaa 300  
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<210> 10611  
 <211> 248  
 <212> DNA  
 <213> Homo sapiens

<400> 10611  
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 ctgtcttata tgcatagagg ggatggtgct taaaccaagt cttaaagtat gtgtgtgggt 120  
 tatkctagta aaatatccta gtggaaaata atattccata cagggggaat attatgtgca 180  
 aaggcataac acacatgcac acacatattg tgggactcaa gtcacgtttg gtaaaactgt 240  
 aggtgag 248

<210> 10612

<211> 382  
 <212> DNA  
 <213> Homo sapiens

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gtcggggcta	ggatatgat	ggtgagaggt	gtcaaacc	attctctcg	tttggaacg	240
gagaaaatct	aaaaatgagg	atgtgaggaa	agagtcgct	ctcaaggcgc	gttggtgct	300
atccgagccc	cgtccctgg	gctccctcgg	gctggggga	ggcgggcagc	gctacgcgtg	360
gggtaggacc	atcttacgct	gggacccgc	caaggagccc	caggaagwag	gtgaaaagg	382
caggggcgtg	gctctsgggg	cg				

<210> 10613  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

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ccttggtccc	tgcccagtg	ttaggggtgt	ggcggagaca	aaggggaaga	gtcatcgct	180
gtcggggcta	ggatatgat	ggtgagaggt	gtcaaacc	attctctcg	tttggaacg	240
gagaaaatct	aaaaatgagg	atgtgaggaa	agagtcgct	ctcaagggtg	gtttgtagtt	292
gctgctaagc	gaacgcctt	tggagcttac	ggaggccttc	tgaaagactt	ca	

<210> 10614  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

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atggactgct	cacaattccc	tgaggcaacg	ctattatata	aaaaatgagg	ttgtgagagc	240
taactgattc	attcaaaatc	aagttaaagg	cagagctgga	attgaaggag	ttgttcttaa	300
gaagaggaaa	ttcaaacaca	cagagatact	aaggatgaca	cagacagagg	aaaaaatcac	339
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<210> 10615  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 10615						60
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cctatacttg	taggttaaagg	tgggggat	gagaggagga	agtgaaggag	gctttgaact	180
ggggggraar	gttggaatg	aggtgtggct	gtrgcctagg	aatagttagg	gaagcagata	240
atttagttaa	artgtckgc	ctaataagg	aactgggcag	gtggggataa	ctaaaaagga	300
gtgcttaaar	gagtattgtc	taagttggca	ccagagttgg	gragttttta	gaggtttaga	352
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<210> 10616  
 <211> 437  
 <212> DNA

004220" 666CT560

<213> Homo sapiens

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cggtcaccag caaccatgac ggaccagcag gctgaggcca ggtcctacct cagcgaagag 180  
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actgaaattt tctgttggtt tttttaatct taccttttgg attgaacatt ttgtttcctt 360  
tttctaattt cctttttatc cctctgctta tttggaagtt acactctaac tacttcatta 420  
gaagttactc taggtat 437

<210> 10617

<211> 507

<212> DNA

<213> Homo sapiens

<400> 10617  
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ggagtttgac cttaattgaa atggcgatat tgatatcatg tccctgaaac gaatgctgga 180  
gaaacttgga gtccccaaga ctacacctaga gctaaagaaa ttaattggag aggtgtccag 240  
tggctccggg gagacgttca gctaccctga ctttctcagg atgatgctgg gcaagagatc 300  
tgccatccta aaaatgatcc tgatgtatga ggaaaaagcg agagaaaagg aaaagccaac 360  
aggcccccca gccaagaaaag ctatctctga gttgccctga tttgaaggga aaagggatga 420  
tgggattgaa ggggcttcta atkaccacaga tatggaaaca gaagacaaaa ttgtaagcca 480  
gagtcaacaa attaaataaa ttacccc 507

<210> 10618

<211> 174

<212> DNA

<213> Homo sapiens

<400> 10618  
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gcggccgcgg tgaggagagc catgggacgg gcagtcagg ttttacagct ctttaaaaca 120  
ctgcacagga ccagacaaca agtttttaaa aatgatgcca ggcattaga agca 174

<210> 10619

<211> 250

<212> DNA

<213> Homo sapiens

<400> 10619  
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taaattaaga aagtagctgg ctaggtaatt tggaggtttc tgatgaggaa acttgaggga 120  
actcatttta tgtagactca gtatattccc actcaaaaag aagattaaat tattgctgct 180  
ttggagctta ctggaagcag agggtagaag aacagcagga aacacaggaa ctcatttctt 240  
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<210> 10620

<211> 424

<212> DNA

<213> Homo sapiens

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 aaggagggag cgaaacactt ttcaggatta gaagaggctg tgtatagaaa catacaagct 180  
 tgcaaggagc ttgcccaaac cactcgtaca gcatatggac caaatggaat gaacaaagtt 240  
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 aggatgctgt acttctagtt ctcttaaaat agttgctgca tcgtttgtca maaacaactt 360  
 ctccaagtgg ttgataacca ttttgttcat tccatttggg nnatatgctg tacgagtggg 420  
 twgg 424

<210> 10621  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 10621  
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 tgtgtcccc gttgatctag cgaggccttc aaaaatgatt tagccacta ggagttctcy 180  
 agttcttagg ataagcattt atgccccaaat tgccattata gtgattttct gtgctctcta 240  
 gtctgtggca ttgtattttt atcatccaag caagtgatta gtggaatcta ttcattgctt 300  
 atctgtggca aactcaaatt tacattcttt cccagcttga gggctgtata gttggatgga 360  
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<210> 10622  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<400> 10622  
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 ttcttggtc atttggactg ggtggctctc catggttctg tcttgtgagg agggagtgga 180  
 agcaagtccc tgtggacacc tatgtacgc aacatccttt caatgctaga atagtaaaag 240  
 ttacattaaa atatccaaat ttttcaagac cca 273

<210> 10623  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 10623  
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 ttgtaaggag ttctctagag aatttttatg cgcacaaaag atg 163

<210> 10624  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<400> 10624  
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tttaacctta	tttaggtcat	gaactccttt	agaaacaatg	acttgagaaa	aaaatgtttt	180
tccttagaaa	aattgcagtg	ttcacacaca	tgctttcatg	tttagtttta	tagcattcgt	240
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gaacttaaac	tgtttttctt	ttgaaggata	aaaaagatac	ccaatayttt	ttttttkgag	360
ctgacsgttg	tatagaaaag	gttggtccact	ctgacctata	gycatttcag	tctagtttag	420
tgcagannkt	tttttkgnnw	acttaccctg	tgccttgcca	ctgtttgwag	caactga	476

<210> 10625  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 10625						60
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ttggaggaa	cattaagaaa	gaaagtttta	acactgttta	tccctatctg	ctttccttgc	240
actttttctg	tgagaaatat	tttctgtttg	caaaatcttc	cctgagttct	gaacccagca	300
ccatcagtag	caaagtctta	tgcaatatgt	atttattatg	ctcctgaaat	aggcctcttc	308
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<210> 10626  
 <211> 188  
 <212> DNA  
 <213> Homo sapiens

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tggaactctt	ggatcgagta	gtaaagccca	aaacgaaaag	agccaagaga	ttccttgaga	180
agagagawcc	gaaactcaat	gaaaatatta	aaaatgccat	gctgattaaa	gggggaaatg	188
caaatgca						

<210> 10627  
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 <212> DNA  
 <213> Homo sapiens

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ctctgattca	ggtgggtcacc	cgttttcatc	ccagggtatct	cgctaaaaat	gcccctgatt	180
acaccgagta	ctgtgcgctt	gtttgacttt	tcatcaatgg	cctaaaagtt	aagcggtccc	240
gttgcgccgg	caggtgcagc	ctcatgcagt	tgcagccgca	gtagagctag	ggccctgatg	300
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cgga						

<210> 10628  
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 <212> DNA  
 <213> Homo sapiens

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gtgggtgttt	ctgtcttttt	ttgatagaat	ctttgattag	tatcgaattt	actgtatttg	180
gccatgtgaa	ctattgggag	cctcctaggg	tgagggaaat	taagagcttt	cagaggaatg	

aggcgactga tttgcaaacg gatctgtgat tataaaagct tcgatgatga agaatacagtg 240  
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 ggaaatc 307

<210> 10629  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

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 aatgccgtgc aggtagttca tagccaagag ccttgctcgt gttggaggat gcaacggagg 120  
 agagaggcag gagcaccggc agccagctgg gggctgacct gattccctag aatcctcagc 180  
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<210> 10630  
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 caaacctatc aaacctgttt agaaaataaa ccaggatgtt ttctttctct tctttctttt 180  
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 ttgartkaat tactctttta taccrkttk tcttgagta tcacatatat tgggtggatac 480  
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<210> 10631  
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 <212> DNA  
 <213> Homo sapiens

<400> 10631  
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 tggccagaga cctttagttg tctctgtgct cagatgttgg ccaccaagga tcacaagttg 180  
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<210> 10632  
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 <212> DNA  
 <213> Homo sapiens

<400> 10632

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<210> 10633  
 <211> 229  
 <212> DNA  
 <213> Homo sapiens

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 ttgtttcagg cacaattata aaaatgctaa gactgatcaa aagtttggtg agaaataaga 180  
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<210> 10634  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 10634  
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 acttcagaaa ctgcatgctt ttctgtatga ataaatggtt catgtgaaat ttaatacaag 180  
 acatttatag ttctatgacc tgagaatttg tgakccttct tgcccacatt ttgaggtttc 240  
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 attttcacca gcaactaaat ttgattatag cacagc 336

<210> 10635  
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 <212> DNA  
 <213> Homo sapiens

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 tagatgtggt taaacaggaa tccaagttaa aaaaaaagtg tgctgatgc agtgggtcat 180  
 gccttaatct caccgctttg ggaaaccaag gtgggaggat cgtttgaggc caggagctgg 240  
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 cgggctcaca cctctaactt gagcactttg gaa 333

<210> 10636  
 <211> 436  
 <212> DNA  
 <213> Homo sapiens

<400> 10636  
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atcttttttg cttaccctca tcaacagaat ggatgaagat agatttgact gktgtgtttt 420  
tcaagtggag aatatg 436

<210> 10637  
<211> 174  
<212> DNA  
<213> Homo sapiens

<400> 10637  
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<210> 10638  
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<212> DNA  
<213> Homo sapiens

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caaattggta atgggtag 318

<210> 10639  
<211> 276  
<212> DNA  
<213> Homo sapiens

<400> 10639  
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gaactctacg aatataaggc ttgggaactt tttagaaatg aagttttgtt ttgactgtc 180  
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<210> 10640  
<211> 420  
<212> DNA  
<213> Homo sapiens

<400> 10640  
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tatatttaac tatttagaga atgatttcca cttttatgtt ttaatatcct aggcattctgc 240  
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<210> 10641  
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<212> DNA  
<213> Homo sapiens

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 cactggaagt ctttagaggt attttgattt aaagtatact taaattagga tttcttaaag 240  
 aaaacatagg gagaaaactt tacatgcaat taaaaatgga ctttcctgtg atttggtttt 300  
 aatcattcat ttggagaaga ggcattgacct ttgtatttca ctaagttaa agcaagagca 360  
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<212> DNA  
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<210> 10643  
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<212> DNA  
<213> Homo sapiens

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 tagcctaatt ctgacacatg gtcctgttt tmsattttgt ttgttttttt atgctgatcc 180  
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 aatgcaga 249

<210> 10644  
<211> 193  
<212> DNA  
<213> Homo sapiens

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 gtttgaaact atgagggtat atggattttg gaaaaatggc acatacgtaa gaatgactgg 180  
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 <212> DNA  
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atcaaaagct	caggactgaa	cttaatatTT	aatcagggtta	aattctgaac	atgtttctgt	300
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 <212> DNA  
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caaccgagtg	tggtgactcg	gggtgtcaac	ctgcccttgg	tgagctccac	gtatgacctc	240
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atggcagaga	acggtgtgaa	gaccatcacc	tccgtggcca	tgaccagtgc	tctgcccata	360
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aaaccgcccc	cctgcagttc	cttctccggg	atggacgtgg	ggcccagctc	cctgccccac	240
cttggggctg	aagctgctgc	tgctcctgct	gctgctgccc	ctcagggggc	aagcbaaacac	300
aggctgctac	gggatccctg	gagagccagg	tgaggagggc	agatacaagc	agaaattcca	327
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<210> 10648  
 <211> 244  
 <212> DNA  
 <213> Homo sapiens

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aaaccgcccc	cctgcaggaa	tcccagccat	tcccgggatc	cgaggaccca	aagggcagaa	

gggagaaccc ggcttaccg gccatcctgg gaaaaatggc cccatgggac cccctgggat 240  
gcca 244

<210> 10649  
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<212> DNA  
<213> Homo sapiens

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cttcgtgcaa aagctcgggg acgctctgcc ggaggasatt cgggagcccg ctctgcgaga 240  
tgcgagtgga acttttgaat cagctgtgca agagaatatc agcattaatg ggcaagcatg 300  
gcaggnaagc ttcagataat tgttttatgg rttctgacat caaag 345

<210> 10650  
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<212> DNA  
<213> Homo sapiens

<400> 10650  
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gtctatgtca agttccggag 140

<210> 10651  
<211> 284  
<212> DNA  
<213> Homo sapiens

<400> 10651  
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agccgacatt cagccagggt agaccggca cggagcctcg ggggttaacg gctccctggc 180  
ccttccccct ctggggccgt cgtcaccatg tcccgcctat tccgggttcc tgagtccctc 240  
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<210> 10652  
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<212> DNA  
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tacggcgctc ggcagcagcc aaatttgata ataacgaaga aaaatggctg cgctcgcttct 180  
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atccctccct caagccctat ctctgccatt tctcccatgc taatgcagtg gcccgcgctt 360  
gattctgagg gtcaggagcg tcccgaagcct gcggaacggc ctcacgacct ctggtcatgc 420  
cgagtccagc tgctcagcct cccggagccc c 451

<210> 10653

<211> 368  
 <212> DNA  
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 ctccggcagt gattcagcat ctccggcctg gccgggctag gggttatcgg tagccagtgc 300  
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<210> 10654  
 <211> 229  
 <212> DNA  
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 cacaagggca agtttgggca cgagtttctg gagttcgaat ttccggccgga cggaaagctt 180  
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<210> 10655  
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<400> 10655  
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 cacaagggca agtttgggca cgagtttctg gagttcgaat ttccggccgga cggtgagaag 180  
 aggcccacgg cagcgggtgc tgggaaaggg gagcgagacc gagaggccgg gtggtgtgga 240  
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<210> 10656  
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 <212> DNA  
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 ccaatgttcc ataagcgtgg caagaaaaat gggaagttct cggttaaggta tatagtatta 240  
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<210> 10657  
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 <212> DNA  
 <213> Homo sapiens

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 ccaagcagtg agattgaagg aagcttgtaa ttattgaaag gctgttgtct caggccctg 180  
 gttaggcact tttcttatct aatcctcaaa atcacctgag aaggaggtat tcttaacta 240  
 gttattacag gtagggaaac tgagcctcaa agtagctgca gtgacttggc agagaacatt 300  
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<210> 10658  
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 <212> DNA  
 <213> Homo sapiens

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 aagtca 186

<210> 10659  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 10659  
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 ctccgaccca tggtagcatg gacacacccy tggcatgccc gtgtatgttg gtttagcgtt 180  
 gtctgcattg ttctagagtg aaacaggtgt caggctgtca ctgttcacac aaatttttaa 240  
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 tgacttggag ccggcagagt aggctgtggc tgtggacttc 340

<210> 10660  
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 <213> Homo sapiens

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 aaattggctt tctcttaatt ggcagatggt ccagtggggc g 221

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 <213> Homo sapiens

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tgcattccagg agcttctgga gtcactgtgg aacctgtca ctgagatcaa cctgattttg 360  
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<210> 10662  
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 <212> DNA  
 <213> Homo sapiens

<400> 10662  
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 aagactcatg ttaaattatc t 141

<210> 10663  
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 <212> DNA  
 <213> Homo sapiens

<400> 10663  
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 caacaccagg tgttttgagg tggtggcatt ctctcgtgat ttggctgttc ccaatgttta 120  
 cattatttaa tcttgcaaaa atgggtctgt gcacttgat gtgaaatgct gtccagttt 180  
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 aacttttcta aggaatgata catagaaaag attttatttt aaaatgagtt gtaaagcttg 360  
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 aaaatgcktg mgcttitytct aacttcccck tgcagtctgt tgtg 524

<210> 10664  
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 <212> DNA  
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<400> 10664  
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 <213> Homo sapiens

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<210> 10666  
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 <212> DNA  
 <213> Homo sapiens

<400> 10666

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<210> 10667  
<211> 243  
<212> DNA  
<213> Homo sapiens

<400> 10667  
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ttc 243

<210> 10668  
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<212> DNA  
<213> Homo sapiens

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agtggagctt cagggcggtg tgccccgggg cgtyaacctg caagagtttc ttaatgtcac 240  
gagc 244

<210> 10669  
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<212> DNA  
<213> Homo sapiens

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agac 244

<210> 10670  
<211> 204  
<212> DNA  
<213> Homo sapiens

<400> 10670  
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ctcacggacg aggcgcctt cagttgtctg tccgacgcgg accccagtac caagccacag 180  
agtgacttta tatatgttca acag 204

<210> 10671  
<211> 379  
<212> DNA  
<213> Homo sapiens



<400> 10671  
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 tacattgttg gtattgatga ctttttaaaa cctgtggat aaacttgacac tgcacacgga 180  
 agttttattc ttgtatatgt agatttgtat gcttgtgagt aaaaatgtgc atttgtaaat 240  
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<210> 10672  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens

<400> 10672  
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 tgtacagtgt gagctgttct ctaagcatga ttttctacta ctggtagatg atgagtcagt 180  
 cttcaccact gtcacacact accccac 207

<210> 10673  
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 <212> DNA  
 <213> Homo sapiens

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 kgntatrggg gktgatttct gmaccttcaa agtgttggca gactcttcta agatgatacc 180  
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<210> 10674  
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 <212> DNA  
 <213> Homo sapiens

<400> 10674  
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 aaaatgaact taatctttca tgagaaactg aggatagaga tgtcaataag cagccactgt 180  
 ttccacctcc ccacctgaag agctaggagg acaactacaa agagcctgac tgcttctctg 240  
 gaatgaggag agaggaaaac agcaacagta tcagttttca agatggcagc atctatgcat 300  
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 ataganaaaa attttgacta tcttagaaaa gaaatatart ataagcaagg aaaactgtgt 420  
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<210> 10675  
 <211> 167

<212> DNA  
<213> Homo sapiens

<400> 10675  
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<400> 10676  
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<212> DNA  
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<400> 10677  
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gagtgcccaa taagtggcag gccataatgt tcgggtatggc aacacaaaaa tgtgtaagag 180  
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<212> DNA  
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agccg 185

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<400> 10680  
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 <212> DNA  
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<400> 10682  
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 aaaaggggca gggtctgca gccgccagga cagacgagca ccccatgcct atacctccct 180  
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<400> 10683  
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 <213> Homo sapiens

00400" 666ET560

<400> 10684  
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<400> 10685  
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<212> DNA  
<213> Homo sapiens

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<210> 10687  
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<212> DNA  
<213> Homo sapiens

<400> 10687  
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gcctggacgt aagagattct catgccagca tgctttcatt tgtcagttgt tgtgactgag 180  
agataatgaa tgacacctga aatgcatatg gtatttttgg gagagttaag gtataatttg 240  
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aaggcaggaa ggaaagaaag gatataggaa gagag 335

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<211> 494  
<212> DNA  
<213> Homo sapiens

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 <212> DNA  
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aagaacaaat	ctatgaactc	ttcagcaaaa	gtggtgacat	aaagaaaatc	attatgggtc	470
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tgcccactgg	caggagagag	ggaactgacc	cacttgctcc	taccagcttc	tgaaggctcc	240
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tcgccagaga	tgtggtgcat	tgtcctgttt	tcacttttgg	catgggttta	tgctgagcct	360
accatgtatg	gggagatcct	gtcccctaac	tatcctcagg	catatnccag	tgaggtagag	403
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 <212> DNA  
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tgccatgtgg	ggatgttggt	gatatggccc	tgtgtgttat	acctttgaag	gtgacactga	180
gccccaggtg	acgccgcacc	accaaagaag	gtgcttgtgt	ttgtcagaca	aatacagcca	240
ggcctgccac	cccttaggct	ccaaagtccg	gaggtgcaga	aagccaggac	caagagacag	300
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 <213> Homo sapiens

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caaatactgg	ggaaagatgg	gaatctaaat	attttaaatg	aaactttcac	cctcttcact	228
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 <212> DNA  
 <213> Homo sapiens

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tttatttctg	tggtgggaag	tctaagccct	gatgaaactg	cctngtggac	cctgaccacc	240
accctgcag	cacaagcccc	gcgttttaaaa	attatagacc	cgtgctcact	nagcagcaca	256
tacactaaaa	ttggaa					

<210> 10695  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 10695						60
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tagcaagcca	ataacgagct	ttgaaggcta	ttttaccatt	cctgttcaca	aaagggttctc	240
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ttttcttctg	ttctagtttc	cataatagga	gagaaaatat	agaaatatat	gcaaaaatta	360
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gattttaa	aaagtgcc					

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 <212> DNA  
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aacttcattt	tcagaactgt	tttaaacctt	tgtgtgctgg	tttataaaat	aatgtgtgta	335
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<400> 10697		
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accataaaat	aaaaaagagc tcaaaacata cacagttgga atgagacctt cattctgaaa	180
gcagcaagg		189

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 <212> DNA  
 <213> Homo sapiens

<400> 10698		
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atagttgcca	ccctaggaat agctcaaaaa ttattaactt aatactgggt acttaaatc	180
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<210> 10700  
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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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&lt;210&gt; 10702

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10702

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&lt;210&gt; 10703

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10703

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agcacagacc ggagagcacc gcgaggcgga ntgcgttctc ctctgcacag atttcggtgg      60
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&lt;210&gt; 10704

&lt;211&gt; 454

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10704

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&lt;210&gt; 10705

&lt;211&gt; 121

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10705

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tataaaaaatt ctaatcacag ctcttctgc atgccttcgg cacttcttat agcatccaag      60

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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<211> 255  
<212> DNA  
<213> Homo sapiens

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<210> 10709  
<211> 477  
<212> DNA  
<213> Homo sapiens

<400> 10709  
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tcatagttaa ttttggggct caggaaatag aacaggaaaa ggccggaaag acagtggctc 180  
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<210> 10710

<211> 301

<212> DNA

<213> Homo sapiens

<400> 10710

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<211> 239

<212> DNA

<213> Homo sapiens

<400> 10711

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gagacaagtg	aaagataagt	gtgattttag	atctttcttg	tccatagttg	ttttcagtg	180
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<210> 10712

<211> 680

<212> DNA

<213> Homo sapiens

<400> 10712

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<211> 320

<212> DNA

<213> Homo sapiens

<400> 10713

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<210> 10714

<211> 184

<212> DNA

<213> Homo sapiens

<400> 10714

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<210> 10715

<211> 650

<212> DNA

<213> Homo sapiens

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<210> 10716

<211> 305

<212> DNA

<213> Homo sapiens

<400> 10716

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<211> 413

<212> DNA

<213> Homo sapiens

<400> 10717

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ataccatattg	ttttatttgt	gtttgggtga	aaaaagtttg	catatnngtg	anacttagca	360
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<210> 10718

<211> 98

<212> DNA

<213> Homo sapiens

<400> 10718

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<210> 10719

<211> 360

<212> DNA

<213> Homo sapiens

<400> 10719

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<210> 10720

<211> 350

<212> DNA

<213> Homo sapiens

<400> 10720

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<210> 10721

<211> 224

<212> DNA

<213> Homo sapiens

<400> 10721

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gcgcagggttc gcaagcgcac aaccacagcga aaaaacaaga acaacttact cctggagtag 180  
tctatgtgcg ccacctacct aacctacttg acgaaaccca gatcttttca tatttctccc 240  
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acaactacct gtttgggyaa agactcttgg agtgtcattt tatgccacct gaaaaagtac 420  
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<210> 10723  
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<212> DNA  
<213> Homo sapiens

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aac 183

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caatctgtat acaattaaga gatttctgac atttattctt aactataatg gatcaactct 180  
aggatttagg catgttaact tctgttggtt tttgaatctc tccagagttg catgtagata 240  
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gaaatagaaa tgtatttttt catgaacatt ttgatacaaa tttcatcatt taatgattca 360  
ccaatttctt gcattaattt gaatttaagc atttaattca aagagagggg agcatccatt 420  
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acaaagtata tttttatcat ggaaaaattt caactcctca agccgtaatg ttgaacagaa 540  
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gacagttttt ttggtgattt gaattaaatt aatgaga	217

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 <212> DNA  
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 attaaaaacc 130

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&lt;210&gt; 10735

&lt;211&gt; 521

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10735

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&lt;210&gt; 10736

&lt;211&gt; 154

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10736

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ataaaatata	gcaaatactc	agatacagct	ttttatcttt	gtgcttgagt	tcctgcctaa	120
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&lt;210&gt; 10737

&lt;211&gt; 572

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10737

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&lt;210&gt; 10738

&lt;211&gt; 307

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10738

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<210> 10743  
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 <212> DNA  
 <213> Homo sapiens

<400> 10743  
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 agtagaaagg ctcaagttgc accaggcaga caacagacat ggaattctta tatatccagc 180  
 tgtagcaac aaaacaaaag tcaaataagca aacagcgtca cagcaactga acttactacg 240  
 aactgttttt atgaggattt atcaacagag ttatttaagg aggaatcctg tgttggtatc 300  
 aggaactaaa aggataaggc taacaatttg gaaagagcaa ctactctttc ttaaatcaat 360  
 ctacaattca cagataggaa gaggtcaatg acctaggagt aacaatcaac tcaagattca 420  
 tttkcattat gttattcatg aacaccgg 449

<210> 10744  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 10744  
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 gaaatgtgca gctctccact ggaaaggaaac tctccacccc tcccatcctg ataaaacaaa 180  
 caaggtttac atttacaact aaaaggattc akatgcaatt ttcaactatt ctgaaaccag 240  
 caggacacac ctgactttaa tagtttttagc tgaaattgta gatgttttgc ttcagtttaa 300  
 cttatgagaa aagattatct gacggatttt gtgttgactt cccctttagt ggtttatttt 360  
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<210> 10745  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 10745  
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 tcgacgtggg tgcgacaact cgcggagtct taggagcaaa acgtctgggg cctgcgagcc 180  
 aggacccttc tgaagcctta ggtgtctatc ggcgacgtgt acggtcactg cagctccgga 240  
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 agagcccgga accactcttt gtgcc 325

<210> 10746  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 10746  
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 agaaggactt gggattccgg agcagtcgcc cctatcgctg ctctgcagt tgcggacgcc 180  
 accgaccccg ccgcgggagg actgggcact gaaaggcctc taggcctagg cgcggcccgc 240  
 ggagccagac gtgttgctgc cgtgagtaaa acgagcgccc tctccgcact cgtttacaaa 300  
 ttaaaatgga ggaaatttcg ttggccaacc tggatagtaa caagctagag gccatcgctc 360

aggagattta cgtagactga tagaggattc ttgtttggga ttctgcttg aggtgc

416

<210> 10747

<211> 384

<212> DNA

<213> Homo sapiens

<400> 10747

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ttggaggagg tcggttggtt atcgggagtt ggagggctga ggtcgggagg gtggtgtgta	120
cagagctcta ggactcacgc accaggccag tcgcgggttt tgggccgagg cctgggttac	180
aagcagcaag tgcgcggttg gggccactgc gaggccgttt tagaaaactg tttaaaacaa	240
agagcaattg atggataaat caggaataga ttctcttgac catgtgacat ctgatgctgt	300
ggaacttgca aatcgaagtg ataactcttc tgatagcagc ttatttaaaa ctcagtgtat	360
cccttactca cctaaagggg agaa	384

<210> 10748

<211> 439

<212> DNA

<213> Homo sapiens

<400> 10748

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cagagctcta ggactcacgc accaggccag tcgcgggttt tgggccgagg cctgggttac	180
aagcagcaag tgcgcggttg gggccactgc gaggccgttt taggtagggt gctaagaggg	240
cgaggccgtc cgggcctggc gggcggggga ggcgttgcat atctgggggt tcccggggcc	300
ccttcgttgg tccggaggat cgagactccg aagtcggtcc gagrnggtga agggatcacg	360
gccgcancaa ctccgctgcc acgcggctgg tatgagtcac acacaaacgt ggttgtagtg	420
tkgacgggct tcattatat	439

<210> 10749

<211> 220

<212> DNA

<213> Homo sapiens

<400> 10749

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aagtgcctct ttgtccagaa aacaaagagg caactttgta aagaccttg tattttttga	120
ccttaaaatt ttcattccaa aagctttaaa tttgaaagt tagttttgag tcaacacagt	180
ttctcggttt aatgtatgca gtgagaacaa aatggaaagg	220

<210> 10750

<211> 383

<212> DNA

<213> Homo sapiens

<400> 10750

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gtgtctcacc tttaaactct cttatgctgg gtgaaaacaa agagtgatag attcgtgtgg	180
cctttcaaat gattgtgaag tgggtgaaat ggatccaaaa taataagtga cttctctacc	240
aaagcataga agattcttca tatctccttc cagtggctca atttagattt tgggaaggag	300
cagaacaagt gaaacacaga aaactgaaga gaagaaatcc tcattttgga cctatatattc	360

tccttgacta tttcttaata tcc

383

<210> 10751

<211> 265

<212> DNA

<213> Homo sapiens

<400> 10751

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gtg	tct	cacc	ttta	act	ctc	ctt	atg	ctgg	gtg	aaaa	caa	agg	t	gagg	ct	caca	a	g	180
act	att	ccaa	aag	ttt	acat	aaga	atg	gggt	gcgg	tgc	gggt	ggt	gtg	gtg	ttta	a	atag	tt	240
gct	t	atag	tt	tgaa	att	gt	gt												265

<210> 10752

<211> 338

<212> DNA

<213> Homo sapiens

<400> 10752

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gat	agatt	cgt	tgt	ggc	ctt	caa	atg	attg	tga	agt	gggt	gaa	atg	gatc	caaa	aata			180
agt	gact	tct	ctac	caa	agc	atag	aag	att	ctt	cat	atct	cct	tcc	agtg	gct	caat	wt		240
gath	ttg	ggga	agg	agc	agaa	caag	t	gaaac	acag	aaa	aact	gaag	aga	aga	aat	cct	catt		300
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<210> 10753

<211> 155

<212> DNA

<213> Homo sapiens

<400> 10753

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tccc	cat	ggg	cacc	ggag	ca	ggcg	gac	agg	ggg	gggt	cc	cgcg	agc	gac	acgg	aaggat		120
tct	tag	gtca	aaac	aaag	ca	t	aaac	aatca	acgc									155

<210> 10754

<211> 217

<212> DNA

<213> Homo sapiens

<400> 10754

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cgaa	aa	caaaa	gcgg	cct	atg	agc	ggc	agg	ccc	acc	acga	gcc	gtc	atca	acagt	gc	cagg		120
ctac	aaa	aatc	ctc	acgt	ccg	tgg	acca	ata	cct	ggag	ctc	att	ggc	aact	cctt	acc	agg		180
gacc	ac	ggca	aagt	cggg	ca	gtg	cccc	atc	ct	ca	agt								217

<210> 10755

<211> 261

<212> DNA

<213> Homo sapiens

<400> 10755

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atatttgaac	ttacccaaaac	aaaggaggat	tacgtatatg	ttttttaaat	tcaaaaaaga	120
atatgaaatt	ataccctttag	tatccctttg	agacatatag	tttaaagaaa	acttttttta	180
aaacaaaagt	aggaatatat	agtaagattg	tagttacaat	gagtatatgc	acttttgatg	240
ctaggttttg	cttttctccc	c				261

<210> 10756

<211> 517

<212> DNA

<213> Homo sapiens

<400> 10756

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caccatggcg	taccgtggcc	agggtcagaa	agtgcagaag	gttatgggtgc	agcccatcaa	120
cctcatcttc	agatacttac	aaaatagatc	gcggattcag	gtgtggctct	atgagcaagt	180
gaatatgcgg	atagaaggct	gtatcattgg	ttttgatgag	tatatgaacc	ttgtattaga	240
tgatgcagaa	gagattcatt	ctaaaacaaa	gtcaagaaaa	caactgggtc	ggatcatgct	300
aaaaggagat	aattattactc	tgctacaaaag	tgtctccaac	tagaaatgat	caatgaagtg	360
agaaattggt	gagaaggata	cagtttggtt	ttagaygtcc	tttgtccaat	rtgaacattt	420
attcatattg	ttttgattac	acttatgttt	ttacaagatg	gcaataaatg	ctgtgggatt	480
gtttgtatta	aractaataa	tactaataat	aataata			517

<210> 10757

<211> 562

<212> DNA

<213> Homo sapiens

<400> 10757

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atcctacgca	ggatgtcagg	actaggagcc	actgtgggtgc	agaacctcat	cttcagatac	180
ttacaaaata	gacgcgggat	tcagggtgtg	ctctatgagc	aagtgaatat	gcggatagaa	240
ggctgtatca	ttgggttttg	tgagtatatg	aaccttgtat	tagatgatgc	agaagagatt	300
cattctaaaa	caaagtcaag	aaaacaactg	ggtcggatca	tgctaaaagg	agataatatt	360
actctgctac	aaagtgtctc	ctactagaaa	tgatcaatga	agtgagaaat	tgtkgarrar	420
ggatacagtt	tgttttttag	cgtcctttgt	ccaatatgaa	cattttattca	tattgttttg	480
attacactta	tgttttttaca	agatggcaat	aaatgctgtg	ggattgtttg	tattaaract	540
aataatacta	ataataataa	ta				562

<210> 10758

<211> 408

<212> DNA

<213> Homo sapiens

<400> 10758

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aggagaagg	acgcatact	gctaaattca	tactcatgc	acccccagg	gaatttaagt	120
aagtattcaa	tgacgttcgg	ctactactta	ataatgacaa	tctcctcagg	gaaggggag	180
cacagtaagt	atctttccaa	atccacttag	aatgttactc	taacattgga	taaactatgt	240
tgacagtaaa	ctagcaccct	gaaaacaaag	tttaaaatac	ttcaaagtaa	agcagttggt	300
tttagcaatt	ttcggtgttt	tttttaattg	gagaaaacat	gttcccccaa	ttgttggtta	360
cttctcaaaa	gcttactata	atatatgaac	tagtttttat	ttctgccc		408

<210> 10759

<211> 283  
 <212> DNA  
 <213> Homo sapiens

<400> 10759  
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 tcacaatagg tgtggagttt ggagctcgta tggtaacat tgatggaaaa caaatcaaac 180  
 tgcaaatctg ggatacgggt cttgctctgt cgcccaagct ggagtgcagt ggcaccatct 240  
 ccactcattg caccctcaac ctccccggct caactagtcc tcc 283

<210> 10760  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 10760  
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 gatatgatgt agaggaagggt tttttaaaaa gkttgagatt gtcctaagggt ctggggcaat 180  
 ttatgtgtgt agaagaactt atcaggcagg tttttgggca aatgtgaaca ggaggaagat 240  
 ctagaaagrc taatgtcagg aaagacaaaa tgtgttggga agctatgtca gaaacttgaa 300  
 ataagctaag tttggcagtt gaaaaaacia gataactaaag gaatttgaag ctaatgaaag 360  
 aaagtatgcc taattaaaaa ttctgttagt aaccttgaac atgaaataga ttgtcatggg 420  
 atcagga 427

<210> 10761  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<400> 10761  
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 aacaaatgag ttactctctc ggacaagctg taggtcttac ctaaatgtcc agcaggacat 120  
 tagacagtcg tacagggtac agaataattc ttcgttgtgt ggcactaacc cacacactgc 180  
 aggacatcgt tctccctggc tgcattccact cagtgtctggg agtagtcccc agttattatg 240  
 aaaccaccaa taaccc 256

<210> 10762  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 10762  
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 cagctgtttg gcttttgtca cttaaaggaaa acaaatgtgt gaatatcccg ctctgcatgc 180  
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 gactgggttaa gactcagagc cccagcttga aggaaacagc tgctctcggc gtgctccggc 360  
 acttggcagc tggacaggca gagtgtgat gtgaaaaata ccac 404

<210> 10763  
 <211> 181

<212> DNA  
<213> Homo sapiens

<400> 10763  
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caggacagga cttgttataa aacatgtggg gctaaggcat acgacagatt tttttttttt 180  
t 181

<210> 10764  
<211> 196  
<212> DNA  
<213> Homo sapiens

<400> 10764  
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acgtttccaa ctagaacatc tgaacaccaa tatatggaat tctgacaaag ttaaaaccag 180  
gaagagatcc tatgaa 196

<210> 10765  
<211> 122  
<212> DNA  
<213> Homo sapiens

<400> 10765  
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gc 122

<210> 10766  
<211> 329  
<212> DNA  
<213> Homo sapiens

<400> 10766  
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ggcagaatag atttatcata attcttaagg gccctaggag tttcaacatg gtaaatgagg 300  
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<210> 10767  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 10767  
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aaaccccgcc aggcgcactt gtgtgacctg gtgactcccg cctgaatata tagggcgggg 180  
agagggaaacg tggggaagtg aaacatctca gtacccacag gaagagaaaa caaccgtgat 240  
tccgtgagta gtggcgagcg aaagcgcaag aggctaaacc ggggtgtgtg gatagccggc 300

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<210> 10768  
<211> 452  
<212> DNA  
<213> Homo sapiens

<400> 10768						60
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cggccacgtc	gcggcctggc	tggggtagga	gagggcggtc	cccagtgag	ttgggtgaac	240
taccgttgca	cactggagtt	tctggtgtct	ttgcttgaa	ctgacctagc	tcgtggcagg	300
gggaactcgg	ctagcggccc	cacagcccct	gctgactcaa	aacaactgag	ttgtaagacg	360
ttcatcgccg	tggtatcctt	gagtaaagaa	tgaactctgg	aagcccagcc	agggacaatg	420
caccttcaca	gagattctgc	actaatctga	gtgaagggtc	taaggtttgg	aatctcccc	452
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<210> 10769  
<211> 390  
<212> DNA  
<213> Homo sapiens

<400> 10769						60
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cggccacgtc	gcggcctggc	tggggtagga	gagggcggtc	cccagtgag	ttgggtgaac	240
taccgttgca	cactggagtt	tctggtgtct	ttgcttgaa	ctgacctagc	tcgtggcagg	300
gggaactcgg	ctagcggccc	cacagcccct	gctgactcaa	aacaactgtg	agtggggttg	360
ggcgagtgat	tgcaaaatgg	gggtggcggt	cgcccgacc	acgactcaca	ggcattcctc	390
ccacagccc	ttcatttct	ccccacccg				

<210> 10770  
<211> 114  
<212> DNA  
<213> Homo sapiens

<400> 10770						60
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<210> 10771  
<211> 403  
<212> DNA  
<213> Homo sapiens

<400> 10771						60
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cggccacgtc	gcggcctggc	tggggtagga	taagacgttc	atcgccgtgt	tatccttgag	240
taaagaagcg	ggcttttgcc	atgtgtcca	ggctggtctc	tactcctggg	ctcaagcagt	300
cctcctgcct	cagtctccca	aagtgtctga	attacagggg	atgaactctg	gaagcccage	360
cagggacaat	gcaccttcac	agagattctg	cactaatctg	agtgaagggt	ctaagggttg	403
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<210> 10772  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 10772						60
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cgggttaatt	aggccatcgg	ccctcgagcc	gagacttgct	tcttatttag	ttctggggag	240
cgcctcgtcg	acatgagtga	tgtggaggaa	aacaacttcg	agggcagagt	taatgttcgt	300
gaagaaattg	aagagttttt	tccaagaatg	tggaagataa	atcaagataa	aagaggctaa	339
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<210> 10773  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 10773						60
caggtccctc	aaagattcct	tggaccattt	tcatgtgaat	gaagaagaaa	tcaattgtct	120
ttcattgaat	caaacggaaa	acctgctggc	ttctgctgac	gactctgggg	caatcaaaat	160
cctagacttg	gaaaacaaga	aagttatcag	atccttgaag			

<210> 10774  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 10774						60
attaaaatac	caatacaaa	tcagaggcct	caccaggggtg	tggacatctt	gtgctctgct	120
ggatctactg	tgtacgcacc	attcactgga	atgattgtgg	gccaggagaa	accttatcaa	180
aacaagaatg	ctatcaataa	tgggtgttcga	atatctggaa	gagggtttttg	tgtcaaaaatg	209
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<210> 10775  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<400> 10775						60
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<212> DNA  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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ggccttatca agcttttctt attttgtctt caacaaagtt aaatccagca tataaaacaa	180

gatttctaca aactgggtat cttttaata ctttgtttcc aaaggatgca aggtgttgta 240  
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<210> 10780  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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attgctgcgg atgaagagga gacatatggt ggggtcagga gtgatacgcg cccctgagg 420  
cacamctgga aaccagccct ctgattgtca tgcagcgcaa tgcctctg 468

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<212> DNA  
<213> Homo sapiens

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attgtttctc tccctctgcc ccccttccc caygcaacc cagatccatt tacactttac 180  
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<212> DNA  
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<210> 10784

<211> 244  
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 <212> DNA  
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&lt;210&gt; 10789

&lt;211&gt; 201

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10789

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aaccagagtt	gccccaggg	c				201

&lt;210&gt; 10790

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10790

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&lt;210&gt; 10791

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10791

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&lt;210&gt; 10792

&lt;211&gt; 394

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10792

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<213> Homo sapiens

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<213> Homo sapiens

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<210> 10798

<211> 602

<212> DNA

<213> Homo sapiens

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<212> DNA

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<211> 159

<212> DNA

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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

<400> 10807  
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 agaaaacaat tttgaatgtg taagaactca gagaatattg tacacatata cttttcttca 120  
 gacattcact agagcagaag ttagcaaaact atggcccatg ggtcaaattcc agcctg 176

<210> 10808  
 <211> 193  
 <212> DNA  
 <213> Homo sapiens

<400> 10808  
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 cagggcctgt gcagaaaaaa ctgactatgt gaatctcatt caagagctgg ccccaagta 180  
 tgcagcgaca cac 193

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 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 10809

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ccgtcgtgta	ttcaagtaaa	acacaaagag	taacagcaaa	caccttggtt	ccccatcacc	180
caggacctgc	tctctgtgaa	gtggccgggg	cagtgggtgc	tcagggagca	gcgtcctaac	240
cc						242

<210> 10810  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<400> 10810						
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ttctagctgg	ctctctgctg	ccacagctcc	gccgaaggag	ggggtggaag	aggaggacta	120
aactcagagc	tgagaggaga	ggcaggtgtg	tgcaggtgca	tcacctggat	catgagggtca	180
cccctctgct	ggctcctccc	acttctcatc	ttggcctcag	tggcccaagg	ccagccaaca	240
agacgaccaa	gacccgggac	tgggcccggg	cgcagaccca	ggcccaggcc	caggcccaca	300
cccagctttc	ctcagcctga	tgaaccagca	gagccaacag	acctgcctcc	tcccctccct	360
ccaggccctc	catctatctt	ccctgactgt	ccccgcgaat	gctactgccc	ccctgatttc	420
cca						423

<210> 10811  
 <211> 188  
 <212> DNA  
 <213> Homo sapiens

<400> 10811						
aaaacacaag	cacgcacaca	ccactgggag	atcagatctt	ctagctggct	ctctgctgcc	60
acagctcccc	tctccaggcc	ctccatctat	cttccctgac	tgtccccgcg	aatgctactr	120
ccccctgat	ttccatctg	ccctctactg	tgatagcsgc	aacctgcgaa	aggctccctgt	180
catcccg						188

<210> 10812  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 10812						
aatgcgact	ccatctcccc	cgacccaagc	gcgtaatggc	cgctggctat	cttggggggag	60
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tctygctttc	ctagggcggt	gaaggcggtc	aaaggctcgg	aaggggcgct	gggagaagcg	180
gggywgcgct	gagccatgct	cgcgaactgt	gggtctgtct	gtgaagagac	ccagtttctg	240
gggaccacgg	tggcgctg	gctgggagag	ttcttacta	ccacaaccaa	ggagggatat	300
gataggcggn	cagtkgrtat	aactccttta	gaacaaagga	aataacttt		349

<210> 10813  
 <211> 443  
 <212> DNA  
 <213> Homo sapiens

<400> 10813						
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gagtgagggg	caacgggtcg	gagaaaaagg	aaaaaagaag	ggctcagcgc	ctccccgccg	120
ggccgtggac	agagggggcac	agtttcggca	ggcgggtgag	gtcgtgtagg	gccccccgga	180

gatgttttcc	ttgtcgagca	cggtgcaacc	ccagggttaca	gttcctctga	gtcatctcat	240
caatgccttc	catacaccaa	aaaacacttc	tgtttctctc	agtggagtgt	cagtttctca	300
aaaccagcat	cgagatgtag	ttcctgagca	tgaggctccc	agcagngagt	tttcatacag	360
tctcgggggt	ttaaaacttt	gaaatcagga	cacgacgtct	ccagtctacc	tccgagantt	420
tagctgaaac	acagaatata	gcg				443

<210> 10814  
 <211> 488  
 <212> DNA  
 <213> Homo sapiens

<400> 10814						60
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ggccgtggac	agagggggcac	agtttcggca	ggcgggtgag	gtcgtgagg	gcccggccga	240
gatgttttcc	ttgtcgagca	cggtgcaacc	cagggttacag	ttcctctgag	tcattctcatc	300
aatgccttcc	atacaccaaa	aaacacttct	gtttctctca	gtggagtgtc	agtttctcaa	360
aaccagcatc	gagatgtagt	tcctgagcat	gagnntccca	gcagtgagcc	ttcacttaac	420
ttaagggrrc	ttggrttatc	tgraacwaaa	attngrcaag	awtgrtcaag	ctggtagaaa	480
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gtctctgc						

<210> 10815  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 10815						60
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agcaagtagt	ttcagcatag	ctttggaatt	gcatgcagag	aagtgagtga	agtgagttag	180
ggcccagcca	aggctggagt	aaagtggcat	gatctcggct	cactgcagcc	tccgcccccg	240
ccaggttcaa	gtgattctcc	tgccctagcc	tcccagtagt	ctgggattac	aggcgcaggc	300
caccatgccc	aggtcaccgg	tacttcatth	accagtcctt	gctaaggatt	attcattaaa	360
acacacaaca	gcaacaataa	ccacaaaagc	aacaataaaa	atacctttga	actcactcaa	412
tcttgaacta	ttgaacatgc	taagtcctgt	tcattggcct	acttaatcag	cc	

<210> 10816  
 <211> 566  
 <212> DNA  
 <213> Homo sapiens

<400> 10816						60
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cggaagatcc	ccacatcgat	gaaagcaaa	cgaascacca	agccatcatc	atgtccacgt	180
cgctacgagt	cagcccatcc	atccatggct	accacttcca	cacagcctct	cgtaagaaa	240
ccgtggggcaa	catctttgaa	aacacagacc	aagaatcact	agaaaggctc	ttcagaaact	300
ctggagacaa	gaaagcagag	gagagagcca	agatcatttt	tgccatagat	caagatgtgg	360
aggagaaaac	gcgtgccctg	atggccttga	agaagaggac	aaaagacaag	cttttccagt	420
ttctgaaact	gcggaaatat	tocatcaaa	ttcactgaag	agaagaggat	ggataaggac	480
gtatccaaga	atggacattc	aaagaccaag	tgagtttgtg	agattctaac	agatgcagca	540
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<210> 10817

<211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 10817  
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 cttttctttc tggcatggat caagagaaaa gaaaatacaa gaaaacagac agaagatcct 120  
 atctgcgaca attaagagca ctctaagagg aaaacacatc ccaccacaca aggcaaggta 180  
 cttctatgga aggggtgagcc ctcacagatg gagcaatggg gcgcgcacac ctgaacaagg 240  
 gaggggaagg agttcttatc cctgatgcat gtgacccttg ctgctgtgtc cttcccctat 300  
 tggctaagggt tagaccacac agcctaaact aattccgatt ggctaattca aagagagcga 360  
 cgggggcttc tgacagcttt ggagattgtg acattggaat aaaggaaaaa 410

<210> 10818  
 <211> 195  
 <212> DNA  
 <213> Homo sapiens

<400> 10818  
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 tgcaaagggt tatgacaaaa caccagactt cattttacaa gtaccagttg taatgctttg 120  
 tccctagctg tagaagggca cataattcac tggattgaaa gcaaagcctc atttggtgat 180  
 gaatgtagcc accac 195

<210> 10819  
 <211> 188  
 <212> DNA  
 <213> Homo sapiens

<400> 10819  
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 gtcttttttaa tattctagt atgagatggg aagtacatat aaagcacttt tacaatgtgg 120  
 caaagtgcc tggttgtctc gaaaacacca gtatgattga gtttttactt tgcagaatga 180  
 ttgacagg 188

<210> 10820  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 10820  
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 aactggcttt gttgaccggg agaaacgaga tgggggtgaa gctggagata tttcggatga 180  
 taatctacct cactttccct gtggctatgt tctgggtttc caatcaggcc gagtggtttg 240  
 aggacgatgt catacagcgc aagagggagc tgtggccacc tgagaagctt caagagatag 300  
 aggaattcaa agagagggtta cggaagcggc gggaggagaa gtccttcgc gacgccagc 360  
 agaactcctg aggcctccaa gtgggagtc tagccccctc cctgatgaaa tatacatata 420  
 ctcagtt 427

<210> 10821  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 10821  
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gcacaggggc ctcagggagt gcagtatgaa aacacccatt tccatgcact cccaaccaac 120  
acgctgaaca atctgtactc ttggtgagaa agacccatga gggactgaaa attctttttc 180  
tacgtgacac tgagaagaca gtcacatggt ttgggtggct ttctagaaga tgaccataga 240  
ggaccttcca gattttccat tagaaggaaa tcskntgttt ggaagatacc catttatatt 300  
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<210> 10822  
<211> 238  
<212> DNA  
<213> Homo sapiens

<400> 10822  
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gcggcggagg cgcasagccg gtggtgattt gctaacctcg cagcagagag gagttgaggg 120  
cgatgagagc gggactgagc aactgccggg cgatgctgtc gctgccgccg tgatacggag 180  
agcaacagtt cacactcccc ccagccttca cctggccatg aaggacctt tgaccaac 238

<210> 10823  
<211> 430  
<212> DNA  
<213> Homo sapiens

<400> 10823  
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tcaagtcca gcagagcggg gtgacccgaa tcttgatgg gaagcgcac caataccagc 180  
tagtggacat ctcccaggac aacgccttga gggatgagat gcgagccttg gcaggcaacc 240  
ccaaggccac cccacccccag attgtcaacg gggaccagta ctgtggggac tatgagctct 300  
tcgtggaggc tgtggaacaa aacacgctgc aggagtctct gaagctggct tgagtcaagc 360  
ctgtccagag ttcccctgct ggactccatc accacactcc cccagcctt cacctggcca 420  
tgaaggacct 430

<210> 10824  
<211> 371  
<212> DNA  
<213> Homo sapiens

<400> 10824  
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tagaaggcgc cgggacccgg aggaaccgga aaaaacagaa ctacgcgaaa gagagctggc 120  
agtagcagtg gcgggtgtcc aggagaacga tgaggagaac gaagagcgtt gggttggacc 180  
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tcttgataat ctcccagtg catccatgta tgagcgcagt tacatgcata gagatgttat 300  
cacccatgtg gtrtgcacca agtaagtcta tcacatcttt tttactttgt tctgagttta 360  
tttaaaaaa a 371

<210> 10825  
<211> 382  
<212> DNA  
<213> Homo sapiens

<400> 10825  
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agccgggaag ggctggcctc agagccgtcc gtttggaggc cggaaaacga ggcgagaggc 240  
cagggcggga gtggtgagac ctccgtgtgt gtaaatacg ggggcccgga aaggctcagg 300  
ggcgccagga tttcttctcg gactctggaa gggatggggg gctcgggctg ccctccgccg 360  
tatccggagc tctcttttgc cg 382

<210> 10826  
<211> 434  
<212> DNA  
<213> Homo sapiens

<400> 10826  
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ggaaccactc ggtttgctgc gataccatgg aaggaggcgg gggaagcggc aacaaaacca 180  
cagaggggat ggaggaaggc gagttttcag aggccgtga agatatggct gcccttgaga 240  
aggattatga ggagggttgg gtggattctg ttgaaggaga gggtaggaa gaaggagagg 300  
aatactaatt atccattcct tttggccctg cagcatgtca tgetcccaga atttcagctt 360  
cagcttaact gacagacgtt aaagctttct ggtagattg ttttcacttg gtgatcatgt 420  
cttttccatg tgta 434

<210> 10827  
<211> 288  
<212> DNA  
<213> Homo sapiens

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ggaaccactc ggtttgctgc gataccatgg aaggaggcgg gggaagcggc aacaaaacca 180  
cagggggatt ggccggcttt ttcgnagccg gcggasaggt tactcgacg cggatttggc 240  
tggcgtcccg cgtggtcttc gagggatagc acgaggtggt ctgacagg 288

<210> 10828  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 10828  
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ggaaccactc ggtttgctgc gataccatgg aaggaggcgg gggaagcggc racaaaacca 180  
caggggkatt ggccggcttt ttcggagccg gcgrasaggt tactcgacg cggatttgkc 240  
tggcgtcccg ctaactggta tgaacctct gtctccttat taaatgtgg atccacgata 300  
cctcgtgcag gatacwgatg agtt 324

<210> 10829  
<211> 296  
<212> DNA  
<213> Homo sapiens

004220" 566E1560

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 ggaaccactc ggtttgctgc gataccatgg aaggaggcgg gggaagcggc aacaaaacca 180  
 cagggggatt ggccggcttt ttcggagccg gcggasaggt tactcgacg cggatttggc 240  
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<210> 10830  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<400> 10830  
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 tggaacatgg aaattcagcc cgatggtcag atgccaagtg ataaaacat tggtggtgg 179

<210> 10831  
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 <212> DNA  
 <213> Homo sapiens

<400> 10831  
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 ttcaaacca aaaggcaca aacacgttcc ctccaactt tcccaaaacc tcaaatttgt 180  
 tcccatttga ggtttattga ggtacacttc tagcccc 217

<210> 10832  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens

<400> 10832  
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 gaaatacatt cccaaagcaa ggctgggcgg ccgtgtgaag taagcaatgg cctcagtttt 180  
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 ccatcaggtg aatgggacca gtctctcttc ttccaaaata tcagaagtaa acacttgga 360  
 cggagatttg gccaaagatga cccatttaca ggctggactc agtccagaga ctatagagaa 420  
 agctcgcttg gaactgaat 439

<210> 10833  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 10833  
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 gaatctcttc tccctcccct tcttgggcag caaggcgaac cccatcccta ctactggag 180  
 ctgagctttg atttttaacc tccctcccc acccttccag aacacacaca ttccattcca 240  
 aaactgattt tataaagaca ttttaaact aatgatgcaa cttggtgtgc actacagcaa 300

atgtacacac actagcctct gttttgaatc atgctttttc ccc

<210> 10834  
<211> 294  
<212> DNA  
<213> Homo sapiens

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cctccccttc ttgcagttgg gtttagaggag gaggagcctt ttagcctctc ataaactgac	180
ctctctactt cctcgtgtat ttttaagatt gattgatgat gtggaaaggg ctttgcttgt	240
ctgctactga aaactttatc cttgcgggtt ttgtggaaac tgcttttgga aaga	294

<210> 10835  
<211> 308  
<212> DNA  
<213> Homo sapiens

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tcgaatctct tctccctccc cttcttgacg ttgggttaga ggaggaggag ccttttagcc	180
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tggaaga	308

<210> 10836  
<211> 438  
<212> DNA  
<213> Homo sapiens

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ctggaaagcc ttctgaatta gacaagggct gcctcccagc acagctacaa aacacttta	120
acctgaccag ctaaattggat aaacctagcc tgcatagctt ttaaactggg gtctcataca	180
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<210> 10837  
<211> 60  
<212> DNA  
<213> Homo sapiens

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<210> 10838  
<211> 269  
<212> DNA  
<213> Homo sapiens



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 cttaaatagt gcagcaata aactgatccc aaaacatcat taggcatttt taagttggtc 180  
 acgtcgcaag tccgatatca caacttaatt gtaaaaggaa gaaatctgaa agttactaca 240  
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<210> 10839  
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 <212> DNA  
 <213> Homo sapiens

<400> 10839  
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 accagtacct ccaagtgttc agaagatgtg tgaccagaca aaacacagta aatgctgccc 180  
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 tcaatgctgc ccacaaaac agaaccagt ctgccagcca aaaggcagtc aatgctgccc 300  
 accaaaacrc aatcactgct gccagccaaa acccccagtc tgcattcagg ccaggtgctg 360  
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<210> 10840  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 10840  
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 aacagcccca agccagacta aattgatagc cataagtatt ggatagtga atcacaggaa 180  
 tcctttttgt gattgggtcca tttggaatat cttaccctcc ctgatgtttt ggggggtttt 240  
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<400> 10841  
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 <212> DNA  
 <213> Homo sapiens

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 atgttaaaac agacatcagc caactggaaa cacagactct ctgtgacaat aagaaaccaa 180

attacaaaca agacctaagg ccatgcaagg caagagggtga ctcccacgac cagtgcgggt 240  
cacagcacag gc 252

<210> 10843  
<211> 437  
<212> DNA  
<213> Homo sapiens

<400> 10843  
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gagaaataag aaaggctgct gactttacca tctgaggcca cacatctgct gaaatggaga 180  
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gatccctggg aganatgccc ggccgccatc ttgggtcatc gatgagcctc gccctgtgcc 360  
tgggtcccgt tgtgagggaa ggacattaga aaatgrattg atgtgttcct taaaggatgg 420  
gcaggaaaac agatcct 437

<210> 10844  
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<213> Homo sapiens

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gtcgagatgt cagagaaaaa gcagccggta gacttaggtc tgtagagga agacgacgag 180  
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<210> 10845  
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<212> DNA  
<213> Homo sapiens

<400> 10845  
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ctgctacaga gcaggagt cgcagcccc aggtgagac agctgtgcta cctatgtctt 180  
cagccttgag tgtcactgct gccttagggc agcctggacc taccctc 227

<210> 10846  
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<213> Homo sapiens

<400> 10846  
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cagataatcc gagacatgga gaaattngat gaawknrgtt taaccagtg caacagccac 420

aattaaatga gaaagtactg aaagacaagc gtaaaaagct gcgtgaaacc tttgaacgta 480  
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 tgateccagga cattccactt cctgggtgcc agccaccctc tatectanng aaaacctcag 720  
 cctatggacc tccaactcgg g 741

<210> 10847  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 10847  
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 caagagtttt ataccaatta ttagtcaaca ctgataaaaag gcttttttag ggctttattt 180  
 gtttgagcct tttcagtga aagaaggaaca tttcctatgg tgctgtctca ctgccttaaa 240  
 acagatttct atgacagttt aacagttggg ttaaactcta aaccattggg aatttccact 300  
 gtcttttcat ttacaaccaa gcaacaccag ttaacatagt agcctcatct ctatatatct 360  
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<210> 10848  
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 <213> Homo sapiens

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 gaagtagttt acaaagctcg ctactcctc atttctctgt gatcccttct atccagtggc 180  
 cccaccacca cctgggaaaa cagatttttc agtacagggtg ggataaatgc tctgaaaggg 240  
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<210> 10849  
 <211> 216  
 <212> DNA  
 <213> Homo sapiens

<400> 10849  
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 caggaacaga aaacagcaag aaaacctcac tttgactccc tgtgattcog tcttcaacct 180  
 gaccaatcag cactccccgc ttcccaagct cctact 216

<210> 10850  
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 <212> DNA  
 <213> Homo sapiens

<400> 10850  
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 ttttgagac cctgactca ttggatcagc tgactaccta gaccagtaac ctggctcaat 120  
 cagttctgcc attccaccca ggaacagaaa acagcaagaa aacctcactt tgactccctg 180

tgattccgtc ttcaacctga ccaatcagca ctccccgctt cccaagctcc cac

233

<210> 10851  
<211> 555  
<212> DNA  
<213> Homo sapiens

<400> 10851  
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tgagtacat tgacctcatg gcacctcagc caggggtgta gccaaagtagt tctaatagcca 300  
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<212> DNA  
<213> Homo sapiens

<400> 10852  
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cctgtgctga acccgaatct tccaaaaaac agcctacaat ctgtgaccac cacaagatgt 360  
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<212> DNA  
<213> Homo sapiens

<400> 10853  
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tcatgatata ttgatgtaaa tratttcaaa acagcacgta cagcatgcat ctgattttta 180  
aagacatata atacagatat ttattatagg tgcatacata tatgcc 226

<210> 10854  
<211> 163  
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<213> Homo sapiens

<400> 10854  
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tgggacgggg ctcaagacaa gtcccatgct gggaatccac acttggaagc tgccagctga 120

tttttactaa agtcgccttg ggataatggt cctctgcct gcc

163

<210> 10855  
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<212> DNA  
<213> Homo sapiens

<400> 10855  
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tgaatctggg gcttatgcat ctgattctgc tgaggatgtc aaattaccag gctttggtct 180  
aagcagaagt caggggacag cagtgaagag agcacgggtc cacacctga tgccgtctct 240  
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agaaaaaga 369

<210> 10856  
<211> 367  
<212> DNA  
<213> Homo sapiens

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ggttccatga aaacagccct tttccaagcc cattgtttct gtcatgggtt ccactgtctc 360  
tgagcaa 367

<210> 10857  
<211> 204  
<212> DNA  
<213> Homo sapiens

<400> 10857  
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cgagaaaaga tgaamcggac cctgtgagtr tggctttctt ccctctcccg ccacccctg 180  
ccccacactg magctgcaaa cgcg 204

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<212> DNA  
<213> Homo sapiens

<400> 10858  
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aatttgggag cagtttgcta tgcagcaaaa gatagctgat actccaggmc tgcttagaaa 360  
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464

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<211> 347  
<212> DNA  
<213> Homo sapiens

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<211> 361  
<212> DNA  
<213> Homo sapiens

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<211> 260  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 10862  
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tgccataatc ttgacttcta ggttcaaaaag tctacttgga aggtaaaaga aaagatcacc 180  
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tccag

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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<210> 10866  
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 <212> DNA  
 <213> Homo sapiens

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0951399-02400

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<210> 10867

<211> 285

<212> DNA

<213> Homo sapiens

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<210> 10868

<211> 466

<212> DNA

<213> Homo sapiens

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tctctgtgga	catgacctgt	ggaggctgtg	ctgaagctgt	ctctcgggtc	ctcaataagc	240
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acagcatgga	cactctgctt	gcaacctga	agaaaacagg	aaagactgtt	tcctaccttg	360
gccttgagta	gcagggggcct	ggccccaca	gcccacagga	tggaccaaag	ggggcaggat	420
gctgaccttc	ccgctggcct	ccagacagac	ctgggacttg	gcagtcattg	cgggtgatgg	466
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<210> 10869

<211> 444

<212> DNA

<213> Homo sapiens

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tccccacaac	ccacaggatg	gaccaaaggg	ggcaggatgc	tgatcctccc	gctggcttcc	420
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<210> 10870

<211> 455

<212> DNA

<213> Homo sapiens



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<210> 10871  
 <211> 221  
 <212> DNA  
 <213> Homo sapiens

<400> 10871  
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 acgatgtttc ccttggtcaa aagcgacta aatcgtctcc aaggtgagca aaaattatga 180  
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<210> 10872  
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 <212> DNA  
 <213> Homo sapiens

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 tctaattctgt ctgcaaggag ccattatctc caacaatttt gtgagaagtg tctggggagg 180  
 atcaaccccc aatctcaaca gaaaattaat ttttatgacc tgtgcaagtt ttggagggtg 240  
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 <211> 215  
 <212> DNA  
 <213> Homo sapiens

<400> 10873  
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 aggagctgcg agataccact tcctgcctct cccaggcacc ctgaaactca ctgagggagg 180  
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<210> 10874  
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 <212> DNA  
 <213> Homo sapiens

<400> 10874  
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 gatgaaataa agtaggcaag ggagagtctc aaacacagtg ggtctcgtag ttgtaatggg 180  
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 agggagaaaa gcagaggagg 320

<210> 10875  
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 <212> DNA  
 <213> Homo sapiens

<400> 10875  
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 gactgttata ttaagtttat attaaacttt ttgttaccac cgttactttg ttagcaagggt 240  
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<210> 10876  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 10876  
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 acatttgata atgaatgttc ttgtatatcc agatwaagra amaaanaamc caaaaaagcg 180  
 gyltgaattt aatagkgttt awaataaaaa ttttaaaaat gaccctcata gcacgcaaaa 240  
 caggatgggg aatttccctt cttctttctg tgacaatgcg catcattcct gcattagttt 300  
 ttaacaccag actacnyaca ttcattcatt ccttcatttt ncttttatt tcttgcattk 360  
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<210> 10877  
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 <212> DNA  
 <213> Homo sapiens

<400> 10877  
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 aagtaagtaa gtgccctttg aagggatcat taagacacag ggagcatgaa cctgagatca 180  
 gaagcatttc tttactaatt tagattctgc gaaatagacg gacctctcca ccccaaac 240  
 taaaacaggc caggacttgt ctctgtgctg aaagcaaata gcaagactaa agcaagcccc 300  
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<210> 10878  
 <211> 185  
 <212> DNA  
 <213> Homo sapiens

<400> 10878  
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 gggtaactaat ctgccaagac cactacagca gaaagtgggt ccagaaagaa gtcaggcctt 120  
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 tcccc 185

<210> 10879  
 <211> 443  
 <212> DNA  
 <213> Homo sapiens

<400> 10879  
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 gctcctatct ttgcagtttt aaaaaacagc ttcactatcc tgcgtctag gctccagact 240  
 tagccaaatt gtgccggtgc tattcaataa catcgcttga acntcttgaa tctttgtggc 300  
 ccatatcccc attactagta ctacaattat ttttaggaatt aattttcttt gacttgttta 360  
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<210> 10880  
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 <212> DNA  
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<400> 10880  
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<210> 10881  
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 <212> DNA  
 <213> Homo sapiens

<400> 10881  
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 ccgctacggg gaagtaatgg tatccggcca attgagattc ggagttaaaa cagggatgtg 300  
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<210> 10882  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 10882  
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 gaagttgctt agaaactttc caaagtgtt agaactttta gtgcaaacag acaaactaac 180  
 aaacaaaaat tgttttgctt tgctacaagg tggggaagac tgaagaagt ttaactgaaa 240  
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 tcacaggcag gggaaatgtc tttaccagct tcctcctggg ggccaagaca gcctgtttca 360  
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 421

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<210> 10883  
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 <212> DNA  
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<210> 10884  
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 <212> DNA  
 <213> Homo sapiens

<400> 10884						60
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gacaaataacc	gatactttgc	ttgtttgatg	agagccacat	tcgggtgtgct	gccaacttga	300
tggtccacct	gccacaaacc	accaggactg	aaagaagaaa	acagtacaga	aggcaaagtt	360
tacagatggt	tttaattcta	gtattttatc	tggaacaact	tgtagcagct	atatatttcc	374
ccttggtccc	aagc					

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 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 10885						60
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tgatagcagc	tacgacttcc	tgtccactga	agagaaggag	tgtctgctct	tcctggagga	300
gaccattggc	tactggaca	cggaggctga	cagcggactg	tccactgacg	agtctgagcc	360
agccacaact	cccagagggt	tccgagcact	gcccattnacc	caasccactc	cccggggagg	397
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<210> 10886  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 10886						60
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ctgccctttg	aaacaaaagg	gtattttctt	tctctcttca	gcccccaacc	cagtggagggc	240
ccggcttggg	acattgttca	cttccccctc	cttccccctc	agaagcccc	tttgccatcc	300
ctgcaccttg	tttcgggtga	tgccccgagag	ggagctgtgg	ccagcgggga	ctggctcaga	360
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<210> 10887  
 <211> 88  
 <212> DNA  
 <213> Homo sapiens

<400> 10887  
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 agggtagcct aaaacagtag ttgacgcg 88

<210> 10888  
 <211> 390  
 <212> DNA  
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<400> 10888  
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 ttattagtta gcaaaatgaa cctggggaag tgggaagagc tagtattctc aattggcaag 180  
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 tagcatccct taaaaaacag gacattgggt agaggtagaa tagcaggagg aattttgaaa 300  
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<210> 10889  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 10889  
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 agtcctgtaa ctattataga ttagaatgca aagtttgcag gaattgaagc taacacagga 120  
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<210> 10890  
 <211> 492  
 <212> DNA  
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<400> 10890  
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 taccggatat tttccaagta tggcaaagtt gtaaagggtt ccatcatgaa agataaagat 360  
 accaggaaga gtaaaggggg tgcattttatt ttatttttgg ataaagctct gcacaaaact 420  
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<210> 10891  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

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 cacacatcta agattcaaga gtttgccgac ctamctcrpg ttgaaacttt tggctttcgg 420  
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<210> 10892  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 10892  
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 cttcaagact tcagtggagg aagtaactac aaatgtggta gaaatagcta gataactaga 180  
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 tcagttgata aaaccaa 377

<210> 10893  
 <211> 167  
 <212> DNA  
 <213> Homo sapiens

<400> 10893  
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<210> 10894  
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 <212> DNA  
 <213> Homo sapiens

<400> 10894  
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 tataagaaca tttgtcaaca ggtgaacata aaatctctgg aaggatgttg ttagggcata 420  
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<210> 10895  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 10895  
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 cctcgscggc agagattatg cagtaagata atttaactga ataatactat gtgcatgtat 180  
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 tcnagtgaga gataatttga atcaaggggg cggtttcccc catattgttc ttgtggtagt 360  
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<210> 10896  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 10896  
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 actaaattga ttttcttga agtctaactc tgtgctaaca gatctccatt ttaaatagaa 360  
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<210> 10897  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 10897  
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 agg 183

<210> 10898  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 10898  
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 casattgttt aatagccatc accg 324

<210> 10899  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<400> 10899  
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ttgattacat	ctggcctctt	ctgcctcagc	catttcatat	tttccatagt	gaggtattgg	420
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<210> 10900  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 10900						60
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aggctatcag	ccaaagaaaa	agtctccagg	gggaagggga	gaatcactta	taatttaata	240
ctttgtggaa	aaaacatctc	tgccacctat	ggccctccaa	taacaatgga	agacagaatc	251
aacaggtgag	a					

<210> 10901  
 <211> 233  
 <212> DNA  
 <213> Homo sapiens

<400> 10901						60
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gctttatcag	gcctacttct	tttttaagta	tttgtgggt	aatgaatatt	taaatatgta	180
acctttttac	ctcaaagtaa	tctaagtata	aatatggta	ctaactgcac	aaccaggtct	233
cacagaactg	acaggtttta	tttaatgacc	cattttcctt	tatttgaact	cag	

<210> 10902  
 <211> 143  
 <212> DNA  
 <213> Homo sapiens

<400> 10902						60
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<210> 10903  
 <211> 222  
 <212> DNA  
 <213> Homo sapiens

<400> 10903						60
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natcattttt	atttagttta	ttaccagaga	gatttagcat	aattttgttc	tggattcagt	222
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<210> 10904  
 <211> 393



<212> DNA  
<213> Homo sapiens

<400> 10904  
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tctttgctgt aaagtgcag gaaattttta attctgggac actgagttag atggtaaata 300  
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<210> 10905  
<211> 1038  
<212> DNA  
<213> Homo sapiens

<400> 10905  
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tgtatgaatt attttgtcgt ccatttgagg ttatcctcat tgatccattc cataaagcta 180  
tcagaagaaa tcctgacacc cagtggatca ccaaaccagt ccacaagcac agggagatgc 240  
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&lt;210&gt; 10907

&lt;211&gt; 355

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10907

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&lt;210&gt; 10908

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10908

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&lt;210&gt; 10909

&lt;211&gt; 269

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10909

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&lt;210&gt; 10910

&lt;211&gt; 464

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10910

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<210> 10915

<211> 174  
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gctggagtag	ataaaaactgc	atgttaaagg	caggaagatg	gggaaaaaaa	gttcagtaaa	360
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<210> 10919  
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<213> Homo sapiens

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ataattctgg caaggaaata gaaattttaga tctaagaatc tcgaacatca ggtatgatga 420  
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<210> 10920

<211> 268

<212> DNA

<213> Homo sapiens

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gttggttctg gttctatgac ccactttgct ctttccatca tttcatgtcc tgccatttgc 240  
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<211> 374

<212> DNA

<213> Homo sapiens

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tccacagacc taaatttgaa tcctcgtccc attctgtaac tgggggactc tgagtaagat 300  
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<210> 10922

<211> 339

<212> DNA

<213> Homo sapiens

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<210> 10923

<211> 608

<212> DNA  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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gataataacc aaaattatga tgaattgaac tttagaaaat atatctgaag atgtggtgaa 180  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 10932  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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aaggggaaa	gaggaagtga	gaagaaagaa	acaggggaaa	gcaggctgag	gaattaccaa	180
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 <212> DNA  
 <213> Homo sapiens

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210

<210> 10936  
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tctagaccat	cccagaagat	ctataagatt	tcctctggga	aatcactagg	agttcttgga	300
agggaaagaa	ggaagattgt	tggttggaat	aaaaacaggg	ttgaatgagt	tccagaaagc	360
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<212> DNA  
<213> Homo sapiens

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ggataacaaa	aagagtaacg	gaaatecttg	ggtttgaaga	tgatgttggt	attgagttta	300
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<210> 10938  
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<212> DNA  
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cgaccatgcc	caggaagaag	gcgacgg				

<210> 10939  
<211> 136  
<212> DNA  
<213> Homo sapiens

<400> 10939						60
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<210> 10940  
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<212> DNA  
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 cgatgttttt ttgacattgc cattaacaat caacctgctg gaagagttgt ctttgaatta 480  
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<210> 10941  
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 <212> DNA  
 <213> Homo sapiens

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<210> 10942  
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 <212> DNA  
 <213> Homo sapiens

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<210> 10943  
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 <212> DNA  
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<400> 10943  
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 aggagcgagt ggggtgaatta atggaccaaa atgctttttc ccttaccagc aaatgaaaat 300  
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<210> 10944  
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 <212> DNA  
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 tccaacaact accccacgca gtcttcatct cttcacttca tctactttcc tggctcgcgc 300  
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<210> 10945  
 <211> 426  
 <212> DNA  
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 gaatttaaag ttctgtctgc aacaagtgc attattacca atgatggaat aggaataaat 240  
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<210> 10946  
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 <212> DNA  
 <213> Homo sapiens

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 ccaactcttc ctagggggaa gacaagtaat aacgatctag ccaatgtgtt gccattttat 180  
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<210> 10947  
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 <212> DNA  
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<210> 10948  
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 <213> Homo sapiens

<400> 10948  
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aaagcagggg	tctcaacctc	gtggacagca	atctgcagaa	gaagagaact	tcaaaaaaac	300
caactagaag	caacatgcag	agaagtaaan	tgagaggggc	ctcctcagga	aagaagacag	360
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<210> 10949

<211> 155

<212> DNA

<213> Homo sapiens

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<210> 10950

<211> 490

<212> DNA

<213> Homo sapiens

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gtggggggcat	ggctgagccg caagctgagc gtccccgcct ttgcgtcttc cctgacctct	240
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cagcttgcca	agaagtatca ccctgacaca aataaggatg atcccaaagc caaggagaag	480
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<210> 10951

<211> 175

<212> DNA

<213> Homo sapiens

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tacagtgttt	tatttacatt ttgagagtaa aagttaaaac attcctgagc ggagaataac	175
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<210> 10952

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<212> DNA

<213> Homo sapiens

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caawttgttt	cgcaattcgg	cattttgaaa	acaaatttgc	cgtggaaact	ttaatttgtt	420
cttgaacagt	caagaaaaac	attattgagg	aaaattaata	tcacagcata	acccaccct	480
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<210> 10953

<211> 146

<212> DNA

<213> Homo sapiens

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<210> 10954

<211> 364

<212> DNA

<213> Homo sapiens

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		180
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		300
		360
		364

<210> 10955

<211> 422

<212> DNA

<213> Homo sapiens

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atTTTTtctga	caatgagatc	aggaaactgg
cattgttagt	gaacaacaac	agaatatggg
cctagagtaa	atggttgag	gtttcctgaa
tacatgtttc	tttttctttt	tctttktctt
cc		
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<211> 226

<212> DNA

<213> Homo sapiens

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		180

ccttttccag gaaccttgcc acacccacac ctgcagcctc ccttcc

226

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gaggtttata tcttctatta aaatgcagta atactattca aatctaattt agctggaagc 180  
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<211> 195  
<212> DNA  
<213> Homo sapiens

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gaaattgttt gccct 195

<210> 10959  
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<212> DNA  
<213> Homo sapiens

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cttwtwccg ttgatctctg ggctgg 446

<210> 10960  
<211> 413  
<212> DNA  
<213> Homo sapiens

<400> 10960  
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<212> DNA
<213> Homo sapiens
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<211> 171
<212> DNA
<213> Homo sapiens
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<212> DNA
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<210> 10965
<211> 459
<212> DNA
<213> Homo sapiens
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004220" 6667560

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ttaaatggaa	gcaaagatga	cttcctcata	tatgatagat	gtggccgtct	tgtatatcat	644
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 <212> DNA  
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gcagaaatcc	acaatggagg	ggaactctgt	gactttatgg	aaaatggaga	aatcttcagt	360
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<210> 10968  
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 <212> DNA  
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<213> Homo sapiens
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gatgttttta	tttgactgga	cacttgaagc	ttgccctgta	tgaacagccc	ccatcttccc		355
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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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ttttaggcgc	cttttcgaaa	acctagtagt	taatattcat	ttgtttaaat	cttattttat	240
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<212> DNA
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466

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<213> Homo sapiens

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gggtccagggc agactcaccg tgaccacaga caaaaccacg agcacagtct acatggagct 180  
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<212> DNA  
<213> Homo sapiens

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<211> 303  
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<213> Homo sapiens

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<211> 851

<212> DNA

<213> Homo sapiens

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ccccaaaaat cctcatgttt ctgcttcata ttttgaaaar taacaattaa aacagacagc 780  
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<210> 10983

<211> 587

<212> DNA

<213> Homo sapiens

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<210> 10984

<211> 427

<212> DNA

<213> Homo sapiens

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<210> 10985

<211> 517

<212> DNA

<213> Homo sapiens

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<210> 10986

<211> 424

<212> DNA

<213> Homo sapiens

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acaaggctat ggctgataac agcagtgatg agtgtgaaga ggaaatnmmc aaggagaaga 420  
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<210> 10987

<211> 369

<212> DNA

<213> Homo sapiens

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aagaaaatag agatcttatg tcaagttcta catcaatata atccctgtct tattagggat 180  
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<212> DNA  
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 <212> DNA  
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tcctccaccg	tttctccag	gacagcacct	wrttcgtggc	cggaggagtct	tcaagagctg	180
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<210> 10995  
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 <212> DNA  
 <213> Homo sapiens

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 <211> 228  
 <212> DNA  
 <213> Homo sapiens

004220-066550

<400> 10996  
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 cgcgtcgggg cctcggttcg cggacttgag gaggggaccg accgagcgct gtgcgtaaaa 180  
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<210> 10997  
 <211> 452  
 <212> DNA  
 <213> Homo sapiens

<400> 10997  
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<210> 10998  
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 <212> DNA  
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<210> 10999  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

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<210> 11000  
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<210> 11001  
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<400> 11001						60
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aaactgtcta	cggttcttaa	cctcatctgt	taagtcccca	tgccctggaga	agctaattgcc	706
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 <213> Homo sapiens

<400> 11002						60
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aagtgatgcg	caataaccagt	tcactggtat	taaaaaatat	ttcaactctt	atactctcac	600
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caagttaagg	tcacaaaaaa	ctccagctgt	gaaagcaaca	taaatggatt	ttaaactgtc	720
tacggttctt	aacctcatct	gttaagttcc	catgcttgga	gaagctaattg	ccaactcatc	758
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 <212> DNA  
 <213> Homo sapiens

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cttatactct	cacaggtaga	atgaactgtg	tactggccac	atatggaagc	attgcattga	360
ttgtcttata	tttcaagtta	aggtccaaaa	aaactccagc	tgtgaaagca	acataaatgg	420
attttaaact	gtctacggtt	cttaacctca	tctgttaagt	tcccatgcct	ggagaagcta	471
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<210> 11004  
 <211> 419  
 <212> DNA  
 <213> Homo sapiens

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tgaaatcatg	gcaggtccag	aaagtgatgc	gcaataccag	ttcactggta	ttaaaaata	240
tttcaactct	tatactctca	caggtagaat	gaactgtgta	ctggccacat	atggaagcat	300
tgcattgatt	gtcttatatt	tcaagttaag	gtccaaaaaa	actccagctg	tgaaagcaac	360
ataaatggat	tttaaactgt	ctacggttct	taacctcatc	tgtaagtgc	ccatgcctgg	419
agaagcta	atgccaaactcat	catgtgataa	ttcaatttgc	acaataaatt	atgaacctg	

<210> 11005  
 <211> 138  
 <212> DNA  
 <213> Homo sapiens

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<210> 11006  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 11006						60
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tggttacatt	cggtgaagga	caccagctgc	ggaatttgcg	gctttggcag	tgtgtactgg	190
ccacatatgg						

<210> 11007  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 11007						60
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ccccctgcct	tgaggagcag	cctttttgct	ttctttcttt	gggataggat	gcctctgggg	180
ttctttctcc	sgcagccggc	tgtgttttag	agcactttgc	tgcaaggagc	caccacctgc	240
acgaccagaa	tatgacctgg	tttgcataag	cctcacaggt	tctggcaaaa	ccagtctgtt	274
gtccaaactc	tcagtgaaa	gccccgataa	cgtc			

<210> 11008  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 11008

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gagccagtct ttccacgtgt gctcccagct cccagctgag aaggccaagg gttctcttcc 180  
gggaaaacca gtttggtat taagggaacc tgcgacaca gagcagagca agataaggcc 240  
aggtttcaga aagaatagct gtttaccatc aaagcaactg ggttccacac agacatggta 300  
tattatacac aaagacgaag gatatgggtc cactctccgt caaggaatgt tataaatcca 360  
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<210> 11009  
<211> 158  
<212> DNA  
<213> Homo sapiens

<400> 11009  
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atcaaactcc acaaaacat atctttgtcc taacaccc 158

<210> 11010  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 11010  
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accatttgct aaaatggaga agttaaatag atttttattt aaattacagr aacatgttaa 180  
aggccggaca aaggaaagac aataaaatca taaattatcg gtcctgttta ctttttggtt 240  
gggagagggtg attacttttt agttttatca ctcaattata agatcagtggt gttttggttt 300  
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<210> 11011  
<211> 466  
<212> DNA  
<213> Homo sapiens

<400> 11011  
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cgctctcgcc gccgccatga ctgagcagat gacccttcgt ggcacctca agggccacaa 180  
cggctgggta acccagatcg ctactacccc gccgcacagg aaggacattt atgaatcata 240  
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aaataaattt tcaccataaa aaattccttt agtcagccgg acgcgggtgc tcatgcctgt 420  
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<210> 11012  
<211> 221  
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<213> Homo sapiens

<400> 11012  
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<210> 11013  
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 <212> DNA  
 <213> Homo sapiens

<400> 11013  
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 cctatccatg gtgttgaagc gtcgagccga ctagggaacc tccttccccg ccaggatgga 180  
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<210> 11014  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 11014  
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 ataarcatag taataattca wcctactgaa tggaaatctc tgctgaratc cacagttttc 180  
 ataagctccc cagatgattc ctgtgtacat taaatctaga aaccatttgt ttgagatctc 240  
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 ggwcraattc cttctgttca gccttggtcc tccaact 337

<210> 11015  
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 <212> DNA  
 <213> Homo sapiens

<400> 11015  
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 tgetgctgtt tgtggggctg ctgctgaccc cgggtaaatg agtgcgaaac gccggcaagc 180  
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 cttcccaggc acccagcatg gaaataaagc accca 275

<210> 11016  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 11016  
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 ccagaggggaa ggtgaaggc tggaggggtcc tgagaggcct tgcagaaaga gaggacattg 180  
 gagctggggc tttgatggat gaagaggaac tagggaaagg catttcaagc agagggaaca 240  
 gcctgtgcaa ccacagcagg cagatcccgg agatc 275

<210> 11017  
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<212> DNA  
<213> Homo sapiens

<400> 11017  
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gtattttcga tggtttagaa gtactcaagt cacatcacat tcaagttaga agtttttttt 180  
ttgtkgtkgt tatttttaaat ttttaacaaa tataaacacc agcagatact attacttgct 240  
taaaaaattg ggwgg 255

<210> 11018  
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<212> DNA  
<213> Homo sapiens

<400> 11018  
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<210> 11019  
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<212> DNA  
<213> Homo sapiens

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<210> 11020  
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<212> DNA  
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ttgataacag caagatggct ttgaactcag ggtcaccacc agctattgga ccttactatg 180  
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<210> 11021  
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<212> DNA  
<213> Homo sapiens

<400> 11021  
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tccagacaat gtatagcaag caggggaagg aaagcagtca ggagttcctg ggtggccacg 180  
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agttcagcca gagcttgagg ctagatgcac agccttgcta ttgggaagaa ggccttttct 360  
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ct 422

<210> 11022  
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<212> DNA  
<213> Homo sapiens

<400> 11022  
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gtctacacag gaggcacagc agaatagctg gatttacaca tctttcctct aggcaagatg 180  
agtccacgga ataggccagt gtgcaccttc tctgcctgt cctttagaga aacactgaca 240  
gattcttgte tttggcttat ctttctcc 268

<210> 11023  
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<212> DNA  
<213> Homo sapiens

<400> 11023  
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<210> 11024  
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<212> DNA  
<213> Homo sapiens

<400> 11024  
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accatttttt gaaccaatca gtaattttta ggttttggtt gttctaaatg taagagttca 120  
gactcacatt ctattaaaat ttagccctaa aatgacaagc cttcttaaag ctttattttt 180  
caaaagcgcc cccccattc ttgttcagat taagagttgc caaaatacct tctgaactac 240  
actgcattgt tgtgccgaga acaccgagca ctgaactttg caaagacctt cgtctttgag 300  
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tgcgtaaagn kgaacagc 378

<210> 11025  
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<212> DNA  
<213> Homo sapiens

<400> 11025  
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 ttgcattcta taagattaca gcaagatgga aataccaaat cccc 164

<210> 11026  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 11026  
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 gtagtgcggc tggacggcgg gaatttccat cggtttgctg agaagcacia ctttgcaaaa 240  
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<210> 11027  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

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 catagtaatg aacgtctgac aggcgcgacc ttccataaga caaccacac tattggcttn 240  
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<210> 11028  
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 <212> DNA  
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<400> 11028  
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 gatgtatgtg gccttgagga taacctgcac tggctacct tctgcttccc tggaaaggat 180  
 gaatttacat catttgaca 199

<210> 11029  
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 <212> DNA  
 <213> Homo sapiens

<400> 11029  
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<210> 11030  
<211> 146  
<212> DNA  
<213> Homo sapiens

<400> 11030  
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aaccctggg gttttatctg tgcct 146

<210> 11031  
<211> 309  
<212> DNA  
<213> Homo sapiens

<400> 11031  
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ccttctgac 309

<210> 11032  
<211> 406  
<212> DNA  
<213> Homo sapiens

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gacgagtga cgcctgctc cgcaaggcca actacgtga gcgggtcggg gccggcgcg 180  
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gcnncgacga ggagctcaac aagctgcttg gtaaaagtac catcgctcag ggcgggtgtc 360  
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<210> 11033  
<211> 437  
<212> DNA  
<213> Homo sapiens

<400> 11033  
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agacggagag tcaggac 437

<210> 11034



<211> 448  
 <212> DNA  
 <213> Homo sapiens

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<210> 11035  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

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 ggggtgtgtcc aaagttttga ggacggccga gcggcgctcc aaaaccgctc ctcacagcct 180  
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<210> 11036  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<400> 11036  
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<210> 11037  
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 <212> DNA  
 <213> Homo sapiens

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 ttcttctgtg cttcccagga attgtgagcc atgwtggata aggacctgca aggaagaatg 300  
 aggaagcctg ggacagtgca ggaggggaga gcactgggtg tasagaggag tgatgacaag 360  
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<210> 11038  
 <211> 331  
 <212> DNA  
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tcatcctnaa	cangaaaagt	tccagccaaa	gaggaagcta	atgctgtgcc	tctctgtaga	240
gcaaaacct	ccccagcta	tattaatctt	caagcaagtt	ccccaccagc	cacttttctg	300
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<210> 11039  
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 <212> DNA  
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tcatcctaac	agaaaagttc	cagccaaaaga	ggaagcta	gctgtgctc	tctgtagagc	240
aaaacctcc	cccagctata	ttaattcttca	agcaagttcc	ccaccagcca	cttttctgaw	300
catccagaca	acaaagctgc	cctcgggttga	tcacaagccc	aaggaatgcc	targactcct	340
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<210> 11040  
 <211> 473  
 <212> DNA  
 <213> Homo sapiens

<400> 11040						60
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tactaacatg	gattgttgat	catctgatgc	tatgattctt	tcccaggcac	cacacctgtt	240
ggtgttcaga	tgagcggca	cactagtcac	cctaacagaa	aagttccagc	caaagaggaa	300
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atgcctagga	ctcctggaat	gtatgtatgc	aaacctccag	cttcagacct	agctcgcccs	473
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<210> 11041  
 <211> 435  
 <212> DNA  
 <213> Homo sapiens

<400> 11041						60
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cgcagattgg	aacaggctga	gatctgctgg	agacaactta	ggaaattatc	atagtgaaaa	180
tactaacatg	gattgttgat	catctgatgc	tatgattctt	tcccaggcac	cacacctgtt	240
ggtgttcaga	tgagcggca	cactagtcac	cctaacagaa	aagttccagc	caaagaggaa	300
gctaattgctg	tgctctctg	tagagcaaaa	ccctcccca	gctatattaa	tcttcaagca	360
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gtagggaggg ttttctaatt gactcaacag ggggaagggg tgcattggagg aggtggcctg 420  
agctgtcgcc tattg 435

<210> 11042  
<211> 565  
<212> DNA  
<213> Homo sapiens

<400> 11042  
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tactaacatg gattgttgat catctgatgc tatgattctt tcccaggcac cacacctgtt 180  
ggtgttcaga tggagcggca cactagtcat cctaacagaa aaggcttggt ttttatgaag 240  
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agctctacag actagttcca gccaaagagg aagctaattg tgtgcctctc ttagagcaa 360  
aaccctcccc cagctatatt aatcttcaag caagttcccc accagccact tttctgaaca 420  
tccagacaac aaagctgccc tcggcccaag gaatgcctag gactcctgga atgtatgtat 480  
gcaaacctcc agcttcagac ccagctcgcc csaacaacag atggctgttt tggaacattt 540  
acaggcatct gtgacacact ggctc 565

<210> 11043  
<211> 589  
<212> DNA  
<213> Homo sapiens

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gctaccacag tcaagcctgg gcctttgaat ccggacacaa aaccctctag cttggaaatg 240  
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agckagagga accagacctc atcagcccaa catcaaagac accatcggaa cagcagcgcc 360  
cgagcaccc accccgcacc ggcgactcca tcttcacggc caccctctgc ggcggacggg 420  
tgaccaccag ccaccacatc atcccagagc tgagctcctc cagcgggatg acgcccgtcc 480  
caccacctcc ctcttcttct ttttcatect tctgtctctt tgtttctgag ctttctgtc 540  
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<210> 11044  
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<212> DNA  
<213> Homo sapiens

<400> 11044  
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tattacctgg gagtgaaaag aaatattaca gccatgccta actgacttct tgaggtaaga 180  
ttgttctgtc agaaaacctt ctcccagttc ccctgcagct cttcaggaat ccacatctct 240  
scagagctct ttgttctcat ggggtggcacc tccagagtga agaagatcct tttcaagaag 300  
ggaaacaggg gaaatgagag ggtcctgcag gcagagctgg aatcaacttc cactctgcct 360  
cttgcaagct gtgtgacctt gggcacaatt tctccttctc ctggwaacct ctgttttctt 420  
agatttggag caggrrtggt acactgacct tgcagagttc ygagaatcag agacagaaca 480  
taaaaggcct ggaaaacatt ctccaaaaag aagctgcaac a 521

<210> 11045

<211> 236  
<212> DNA  
<213> Homo sapiens

<400> 11045	
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gaggcaaact ttggggggat aagaaagcct gggagggggc tgtgccaaaa ccctctctgc	120
ctgggggactg ggcggtgatt csgcttctgc ctgggctcct gccatggccc ccgagagggg	180
ctgacacttt agctcccgtt gcaggtgaga acccgcccgg aggaagaagg aaggcg	236

<210> 11046  
<211> 427  
<212> DNA  
<213> Homo sapiens

<400> 11046	
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ggtctttaac ctgccagggt ctgcacatgt attaaaattg ttccatatgc aaattacttg	180
gctgtcttta gctgttgat atgtatacaa atatgtgtat gtgtaaatat atgtgtgtgc	240
atttgagtgt gcagttagtg acatagacaa agaaaaccct ctgagacact agccttatag	300
ggcattatgt tgttcacaat cctactaatc tcttggaat ttagatccat ctttaaacag	360
ctgaactttc tggaagatca gtgactcaga ttatcagagt ttacagagag caaatgctgg	420
aagaaga	427

<210> 11047  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 11047	
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cgaatacctc cgcgagaagc tgcagcggga cctggaggcg gagcatgtgg aggtggagga	180
cacgacctc aaccgttgct cctgtagctt ccgagtcctg gtggtgtcgg ccaagtgcga	240
ggggaaaccg ctgcttcaga gacacaggct ggtgaacgcg tgcctagcag aagagctccc	300
gcacatccat gcctttgaac agaaaaccct gaccccagac cagtgggcac gtgagcgaca	360
gaaatgaggg actgggatct gcacag	386

<210> 11048  
<211> 417  
<212> DNA  
<213> Homo sapiens

<400> 11048	
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gaatacctcc gcgagaagct gcagcgggac ctggaggcgg asatgtggag gtggaggaca	180
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ggaaaccgct gcttcagaga cacagcttgg atcctagcat gactatacat tgtgacatgg	300
tcattacata tggattagac caactggaga attgccagam ttgtggtacc aattatatca	360
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<210> 11049

<211> 464  
 <212> DNA  
 <213> Homo sapiens

<400> 11049  
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 tggggttgtg tccctgctgg gctgccgttc cagctggact gccgccatgg aactcagcgc 120  
 cgaatacctc cgcgagaagc tgcagcgga cctggangcg gagcatgtgc ttccgagtcc 180  
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 accagtaggc accttggatc ctagcatgac tatacattgt gacatgggtca ttacatatgg 360  
 attagaccaa ctggagaatt gccagamtg tggtagcaat tatatcatct cagtcttgaa 420  
 tttactcacg ctgattgttg aacagataaa twcgaaactg ccat 464

<210> 11050  
 <211> 116  
 <212> DNA  
 <213> Homo sapiens

<400> 11050  
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<210> 11051  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 11051  
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 acgagcagcc agctgaccct gccggccaca cagtgcctag ccggcaagtn cgtgacatgc 180  
 cacgtgaagc actacacgaa tcccagccag gatgtgactg tgccctgccc agttccctca 240  
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<210> 11052  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 11052  
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 rgatgtcctt aagttccttg cagcaggaac ccacttaggt ggaccaatc ttgacttcca 180  
 gatggaacag tacatctata aaaggaaaag tgatggtagg tcattgcttt aattttttgt 240  
 tactccagct gtaagtacaa attttgagct tgctattctc gtgggttagt ctgggtaatt 300  
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<210> 11053  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 11053

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 catatgacag gcagagaagc aggcctgagt gggttatgagg cagtgaggtg tgtttccttg 240  
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 aaaacccttc accataagct gcacaagcgc aagaac 336

<210> 11054  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 11054  
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 gttgttccat caaattctgt aaatcggtat gccctaacag tttcttataat ttgagttggc 180  
 ttcagcttcg agaaattctt caggcaggtt taggcagagg gctgaggaag ctagagaaga 240  
 ttccgaagag aaaggatgat tatttggtgc atgattatag cttcttttaa aacttctaata 300  
 agggaaaacc ttccactttc ctggaccaa tgcagagtaa agtcattttc tattatctgt 360  
 tgcaataatt aataataaat atgtaaatgc aga 393

<210> 11055  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 11055  
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 atgtttgaaa attagagatc atgaattata taattttcca gtataaaaca agggaaaaat 180  
 ttttatgtaa aaccctttta atgtaaaata tttgagaata agttcataca atcgtcttaa 240  
 gttttttatg cttttatata cttagctata ttttttcttt tgacataact atctttttga 300  
 aagcaatatt atactgacag aggcctcact agtgatactt taagttaaata atgtagatca 360  
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<210> 11056  
 <211> 192  
 <212> DNA  
 <213> Homo sapiens

<400> 11056  
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 gaaaacttca acatgatgaa tgcccttgac caactgccaa aacccttttc aaaccccaag 180  
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<210> 11057  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

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caaggaacat	tccagagaag	atcacaagga	tgcgaataaa	atcggagctg	cacagggatc	180
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cgccaccgtt	ggccaactcc	tctnstaac	agtggactct	gctttttccc	ctcctcttat	360
ccctaatacct	aggagctttc	tgtctggctt	ccctcctggc	ccctcgtgta	tgcattctct	420
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 <212> DNA  
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caaggaacat	tccagagaag	atcacaagga	tgcgaataaa	atcggagctg	cacagggatc	240
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tcaagtgatt	ctcctgcctc	agcctcccta	gtagctggga	ttacaggaca	aggagagggg	360
caaatttcctt	cttggcatcc	ttatggccct	gtgacctgct	aatgaatgct	gactctgagt	413
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<210> 11059  
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 <212> DNA  
 <213> Homo sapiens

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gccgggcacc	ccggaagacc	gctgggaacc	ggctttctgg	gcttttggag	gcagaggagg	240
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ccaaggscta	taaggaactc	tcaagagctt	aaggcctcga	aaggtcaaca	ccccggctgg	480
tagctctcag	aaggcgcgag	aagagaaggc	actactgcca	ttagaactac	angatrccgg	534
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<210> 11060  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

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ctataaggaa	cctctcaaga	gcttaaggcc	tcgaaaggtc	aacacccccg	ctggtagctc	360
tcagaaggcg	cgagaagaga	aggcactact	gccattagaa	ctacangatr	cgggctctka	408
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<210> 11061  
 <211> 166  
 <212> DNA

<213> Homo sapiens

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cgggagtgccc agccatgtcc gacgagagag aggtagccga ggcagcgacc ggggaagacg 120  
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<210> 11062

<211> 196

<212> DNA

<213> Homo sapiens

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aaactggaaa agattgggga aggcacctac ggaactgtgt tcaaggccaa aaaccgggag 120  
actcatgaga tcgtggctct gaaacgggtg aggtcggatg acgatgatga ggggtgccc 180  
agttccgccc tccggg 196

<210> 11063

<211> 276

<212> DNA

<213> Homo sapiens

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ttacacctgc cccctcaat gtgactaaca agtcttttca gttagtaaca tacttgctga 120  
gggtttgaca acaaagactt aatgaagatt gtgataaatt cacacagaca cccaagtaaa 180  
tactcaatgc tattaattca acaataaaaag gaattcctca ggaaaaccga gggcctgcag 240  
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<210> 11064

<211> 214

<212> DNA

<213> Homo sapiens

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gggcaagggg gtgaagggga mmagscacta gagcasgtga caaatgtgtc atgcctggag 180  
acaagctcca gcgccasmcc tgctagasac tcgc 214

<210> 11065

<211> 118

<212> DNA

<213> Homo sapiens

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<210> 11066

<211> 328

<212> DNA

<213> Homo sapiens



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 gtgtaaagag ataaattatt catgtaaaag ttttcaagt agtgatgatt taattacatt 180  
 gttcgatgtt tgtacaggag taagcatgta tttttatcaa tttaacacag atcaaaggag 240  
 atgaaggagc attctgcat gacatacact taaccaaacc tattcaaat gaaaaccgga 300  
 tttcaaataa ccagacacca agatgcag 328

<210> 11067  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 11067  
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 tggctccaga ccctgtgctc ttaactcccg ttttgcatac agaacagaat cctatgaaag 180  
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<210> 11068  
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 <212> DNA  
 <213> Homo sapiens

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 aggttcgacc ggttcctgca cgagaagaac tgcagtactg accttctggc caagctcgag 180  
 gccaaaaccg gcgtgaacag gagcttcacg gctcttggtg tcatcgact ggtggccttg 240  
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 gcctacatct cgtaagtac acacctgca gccgtccccc tcccttcctc cattcccccc 360  
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 cggggagg 428

<210> 11069  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 11069  
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<210> 11070  
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 <212> DNA  
 <213> Homo sapiens

<400> 11070  
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<210> 11071  
 <211> 220  
 <212> DNA  
 <213> Homo sapiens

<400> 11071	
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tttgaggttt gatccttcaa ccaacaaacg tctgcattgc tccagagaag agtaagagaa	120
acctctgcat ttaaggcaca ttacagtcta attctctagg ctctagaaga ttagaagata	180
aataattgca ataagattac tcttgtctct gctgctcctg	220

<210> 11072  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<400> 11072	
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cctccttctt tctaactt ctggactttc cagctcttcc gaagttcgtt cttgcgcaa	180
gcccaaaggc tggaaaaccg tccacgatga ccagcatgac tcagtctctg cgggaggtga	240
taaaggccat gaccaaggct cgcaattttg agagagtttt gggaaaggta tgggaaagg	300
aggggagaag ccgtggcttc taatgaagga aaagaaagca ccgtgcttgg tgccgttg	360
agctttgaat aattatctct tgtaggttg tgttctagta cgctgtaaa ttcacctag	420
taataatgat tattact	437

<210> 11073  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

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acaatacttt gatctacttt ggtataataa cataaagagg aaaagcctta taatcacagt	120
acttttggct ctggaatata atgtgcagtt ctagtggctg cccacgatga aaacctaaca	180
gctaattgaa ctagaaagct agccacaggg aattattaag ttttcacctg atgccaagaa	240
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<210> 11074  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<400> 11074	
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tcaaactgaa acaaaattag aaatgtaatt atgttctaag tgctccaag ttcaaaactt	180
attggaatgt tgagagtgtg gttacgaaat acgttaggag gacaaaagga atgtgtaagt	240
ctttaatgcc gatatcttca gaaaacctaa gcaaacttac aggtcctgct gaaactgccc	300
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acactgtgct ctattacat tatggataaa gatgagatgg tttctagaga tggtttctac	420
tggctgccag aatctagagc aaagccatcc ccgtcctgg ttggtcacag aatgactgac	480
aaagacatcg attgatatgc ttctttgtgt tatttccctc ccaagtaaat gtttgcctt	540

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<210> 11075

<211> 363

<212> DNA

<213> Homo sapiens

<400> 11075

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tgtgtagtag	gctgtaccat	ctaggtttgt	gtaagtacac	tgtgatgac	ccatgacaga	180
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ttttattttg	tacaaagatg	tacttctgaa	aacctaagtt	taagtcaact	tttgtgagtt	300
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caa						363

<210> 11076

<211> 102

<212> DNA

<213> Homo sapiens

<400> 11076

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<210> 11077

<211> 454

<212> DNA

<213> Homo sapiens

<400> 11077

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cctcttgag	ctttcattta	ctaagtagga	acaaatgata	gtcatgttat	gacaatgtgt	180
tataaattaa	caatcctctt	ttaaactaga	tttataaaac	ctacacactt	gagggtttcc	240
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ttgtttgttg	tttgaaacgg	ggctctgtct	tgtaacccag	cctggagtgc	agtgggtgcga	360
tcttggtca	ctgtaaactc	ggcctcccag	attcaagcga	ttctcctgcc	tcagcctcct	420
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<210> 11078

<211> 220

<212> DNA

<213> Homo sapiens

<400> 11078

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tattcaatat	aaaatttttg	taatggataa	tcttatttat	ctaaactaaa	gcttcctg	180
tatacacact	cctgttat	tggtgataa	taaataacca			220

<210> 11079

<211> 311

<212> DNA

<213> Homo sapiens

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aattggtcwa ttgaraagct ctagtggatg atttcattgt ggagatggag ttgtcagatt 180  
tacagttcgt aaatctagta gccatcacgg atccttaa ataaacctaga ccctgaattg 240  
cttatgtact ttgcaaggag cttctgcatt cctagtgtat caaaatgttc tcgggtaatt 300  
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<210> 11080

<211> 248

<212> DNA

<213> Homo sapiens

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accaccatgt gctatgggaa gtgtgcacga tgcacggac attctctggg ggggctcgcc 180  
ctcctgtgca tcgcggttaa tattttgctt tactttccca atggggaaac aaagtatgcc 240  
tccgaaaa 248

<210> 11081

<211> 439

<212> DNA

<213> Homo sapiens

<400> 11081  
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gatgggggtg gcgcagagaa cattgaaatc agaaaggatt ctgctctgta gagacaaagg 120  
aaacacagag acatagacat ggatctggga aatacacctt ttgctactcg ttcagtttta 180  
gcaaggaggt ttcttgcag gctaagcaaa acttaaactt cctctgagaa ttacaggaat 240  
tacaggacct gacaaagcta tgaagattaa aacctatagg aagaaaatct gaaccagaaa 300  
cagtatggca gaattgggat ctgactcaca gagggamgaa cttataattc ttcacaggtc 360  
acatagaagc atgagaattt gggttcaagc aagtnaatc taaatcagaa tccatacata 420  
aagtgtttgc aatgtccag 439

<210> 11082

<211> 288

<212> DNA

<213> Homo sapiens

<400> 11082  
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aggagatgta actatcggrm cntmaggacag tgatccaccc taaagcaaga attattgcgg 180  
aagccggggc aatagtgatt ggcgaaggga acctaataga agaacaggcc cttatcataa 240  
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<210> 11083

<211> 396

<212> DNA

<213> Homo sapiens

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 atttcattgc ttgtcaatgc tcagcaagga agacagccta acagcagccc tcccacctgt 180  
 gaattcctca ctgattaaaa tctggttaca aaacaaggga cctagagaga tgttcacttc 240  
 accacttctc tacagatgcc tctgctgct tccaactttt ctctttaag gcagggtgaa 300  
 tccaaatcat ggtcttagcc ctgaaggagg caccaaagca gtttcgttgc cctgtgaaaa 360  
 gcttctagag gagctcatct gaatgcttga agaaac 396

<210> 11084  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<400> 11084  
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 tgaagggtga gctgtcccag ctgctgcgtc ccaaagtgc agggcgggtgc ggctccaag 180  
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 catcggtgat gtcggaggat ttcaaagtgc gcttaaggag ctggccgctt agatgcccac 300  
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 aagcctaccc ggaacccttc ctcccgctt 449

<210> 11085  
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 <212> DNA  
 <213> Homo sapiens

<400> 11085  
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 tcaaggctcg agatcttcgc cattgctgca caagccg 97

<210> 11086  
 <211> 547  
 <212> DNA  
 <213> Homo sapiens

<400> 11086  
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 ctgctttcag gctgcccgtg cattaggggc ttcttgagga agcgcgggag gacgacagag 180  
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 ccaaatccat ttcattattg aatggcttga tggatttcct ttactctgat tcataccaaa 360  
 gctgtccttc tcaaccaaaag caagaaagga tctgtcatga gtcaatccca gaatgcaatt 420  
 tttacatcac caacagggtga agaaaacctc atgaatagca atcacagaga ctcgagagagc 480  
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 gaacaac 547

<210> 11087  
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 <212> DNA  
 <213> Homo sapiens

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 gcgaaatagt aagttgctgg cgaaatatag ccccccttcc gaaactcctg acctcttctt 180  
 ccaccccggc cagggccgc gtccaagttc ccggtgcagg cccaccccc gaatcttgac 240  
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<210> 11088  
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 <212> DNA  
 <213> Homo sapiens

<400> 11088  
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 aaaaccatgt actgtatctg tatttctggt ctgaaccttc tggatgtata ctagtcttcc 120  
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<210> 11089  
 <211> 455  
 <212> DNA  
 <213> Homo sapiens

<400> 11089  
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 cctatatcta ctgaggtgag gttagggtcag tctctgtaac cgctcgtcac ttaggccttg 180  
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<210> 11090  
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 <212> DNA  
 <213> Homo sapiens

<400> 11090  
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 aagctcggcc gctactccgc cctgttcctc ggtgtggcct acggagccac gcgctacaat 180  
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<210> 11091  
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 <212> DNA  
 <213> Homo sapiens

<400> 11091  
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agcg

124

<210> 11092  
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<212> DNA  
<213> Homo sapiens

<400> 11092  
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<210> 11093  
<211> 402  
<212> DNA  
<213> Homo sapiens

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<210> 11094  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 11094  
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accccattec a 311

<210> 11095  
<211> 230  
<212> DNA  
<213> Homo sapiens

<400> 11095  
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gtcattttca gtgtatcttt tatagaaggg tatgggttga atttttttta aacctgagta 180  
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<210> 11096  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

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<210> 11097  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 11097						60
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aagaagragg	caactaagaa	ggctgccggc	gccggcgctg	ctaagssaaa	gcgacggggc	240
ccccagtctc	agagctgac	accaaggctg	tggtgcttc	tanggagcgc	aatggccttt	300
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gcc						

<210> 11098  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

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ttgtcgcagg	aataaagatg	gctgctgaac	cagtagaaga	caattgcac	aactttgtgg	300
caatgaaatt	tattgacaat	acgctttact	ttatagctga	agatgatgaa	aacctggaat	335
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<210> 11099  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 11099						60
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<210> 11100  
 <211> 558  
 <212> DNA  
 <213> Homo sapiens

<400> 11100						60
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gcagtggccg	cccgggcggc	gggatccact	gtccggcaga	ggaaaaatgc	cagctgtggg	300
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catccatctg	tcatctgaag	aaggaggaaa	aaacccaaca	tttcttggac	caaaagtata	540
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 <212> DNA  
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caccattact	ttaagtactg	caaaatctca	gcattggctc	tgctgaagat	ggtgatgcat	420
gccagatcgg	aggcaacttg	gaagtgatgg	gtctgatgct	aggaaagggtg	gatggtgaaa	480
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cgctattact	gtaactgctg	tttatatcgt	catgtcccgg	aaagggtccct	gtcttcctcg	240
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cgacaagaaa	cagcagcaag	aaatcctggc	ggcgaacctg	gactaaggat	caccattact	420
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ccttgccatt	gtttcacctt	gtacttttat	gttatggaga	cggcttcttt	ccttaaacct	182
ca						

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 <211> 185  
 <212> DNA  
 <213> Homo sapiens

<400> 11107						60
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catttattga	atgtccagaa	aaaaccctag	gtttgtctcat	tgtcttcccc	atctctatcc	185
cttac						

<210> 11108  
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 <212> DNA

004229-6667560

<213> Homo sapiens

<400> 11108

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gaatgaaagg	ccttgtaag	gagttttttg	tgagctttac	ttctttggaa	tggaatatac	180
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<210> 11109

<211> 468

<212> DNA

<213> Homo sapiens

<400> 11109

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gacccaaagt	gccatgtctt	taatggttagc	tcccagcgat	gccagatggg	atcagcacag	240
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<210> 11110

<211> 165

<212> DNA

<213> Homo sapiens

<400> 11110

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<210> 11111

<211> 571

<212> DNA

<213> Homo sapiens

<400> 11111

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<211> 183

<212> DNA

<213> Homo sapiens

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 ccc 183

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 tgccccgtct gcgtagactg cgcastcgga gtcaaagatt cgttctggcc agagaggaga 180  
 aaacgacatt caggaatcag cctgagtgtt cgcgcccag cccgattgga agcagggtgcg 240  
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 accacacggg gcccgacaca cac 323

<210> 11114  
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 <213> Homo sapiens

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 aataggagct tgctccgtcc actccacgca tcgacctggt attgcagtac ytccaggaa 180  
 ggtgcactct cccttcgggg agagaacaac cgttggttaa tggaagattt cgatcagtta 240  
 gggtag 246

<210> 11115  
 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<400> 11115  
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 ttttttt 187

<210> 11116  
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 <212> DNA  
 <213> Homo sapiens

<400> 11116  
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 tatccgagga caatatatta aatggatttt tggagcagg agatggaata ggagcttgct 180  
 ccgtccactc cagcatcga cctgggtattg cagtacctcc aggaacgggtg caccctcc 240  
 ggggatacaa cgtgtttcct aanagtggag ggaggtgaga gacggtagca cctgcgggnc 300

ggcttgacg ccgagtgcct gtganngcgc cggttgact taactgct

348

<210> 11117  
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<212> DNA  
<213> Homo sapiens

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agattgaagc 490

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<212> DNA  
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aaccgccca tggaggcttc attctggacg aggctgatgt tgacgatgag tatgaggacg 360  
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<210> 11119  
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<212> DNA  
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<400> 11119  
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<212> DNA  
<213> Homo sapiens



<210> 11125  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

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 tccccctcc gggctctcctc gatttcctga gagccggaat ccgactgtag ggggaagaaa 180  
 gactcaagag cagatgcttg aactgaaata actttatattt gggggggttac ttgctgacc 240  
 cttagcgcag ggctt 255

<210> 11126  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

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 ggacctgaca ttttcgcctc tggcactcac tcatcatctt gacaactctg actctctgtc 180  
 cccagtgttc ttcataccc 199

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<400> 11129

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 <212> DNA  
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<400> 11131						60
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&lt;210&gt; 11133

&lt;211&gt; 450

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11134

&lt;211&gt; 324

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11135

&lt;211&gt; 712

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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tcccaaagga	agtgaaccgc	aagaagaacg	atgagacaaa	cgctgcctcc	ctgactccac	300
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caaccgggtcc actcctgcct ttctactcac acagctcccg actgcttctt gcagaggctg 660  
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gagaagacag gactgaagca ctgaaagggc cctgccgtta agggcgagg attgtataga 180  
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cccaaagtac tgggattaca 380

<210> 11138  
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<212> DNA  
<213> Homo sapiens

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agacgaaaag accccatgga gctttactac agtttcgtat tggaaacttg tctaactatg 180  
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acactcagta cggtcagaaa ccgtatgtag agcgcaaagg tagaagtgtg cttgactgtg 420  
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<212> DNA  
<213> Homo sapiens

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gaggagtctg	aaggtagcgt	agktacggtc	ggamatcgtg	acgatagtgc	aatggcataa	360
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gccagcggga	acttcattgc	aggccgtgtg	tcaccctgac	cacgtctatc	tctgggggtc	240
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tttaatcttt	ttggagatta	agtgtctaaa	cttaacttaa	atgggttttt	acaggagtta	420
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 <212> DNA  
 <213> Homo sapiens

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ctttatatcc	tgacactatg	aatgctactt	ggatgcctct	taagggtctc	ttctgcaggg	240
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tcatagactt	tcagctactt	gaagatagcc	atcagccgct	acgtgactct	tttctccagg	478
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 <212> DNA  
 <213> Homo sapiens

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tcaccactga	tcttcagtc	acctcacaga	gctctataaa	acgcttaaat	cctctttaca	420
tcatagactt	tcagctactt	gaagatagcc	atcagccgct	acgtgactct	tttctccaga	473
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<210> 11143  
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 <212> DNA

<213> Homo sapiens

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<210> 11144

<211> 140

<212> DNA

<213> Homo sapiens

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<210> 11145

<211> 217

<212> DNA

<213> Homo sapiens

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<210> 11146

<211> 242

<212> DNA

<213> Homo sapiens

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cg 242

<210> 11147

<211> 419

<212> DNA

<213> Homo sapiens

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ggctgaagca gtgcctactc aatagaacca gtcacgtgac aaagaaatgc cacctgactc 180  
aaaggcaaag ccagagtgca gcttgaggca aagaagttg tgttgaagga gaaactaaca 240  
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gatccctctc cccggggcct ggccgcgcgc tgctgtgttc tggaangggc tcattgtaca 360  
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<210> 11148  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

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 aaggccctca ggtggaggaa gggcctcagg tggaggtagg acctgtgctg gccgcgggag 120  
 aggtaaacag aacacca 137

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 <212> DNA  
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<400> 11152  
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<210> 11153  
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<210> 11154  
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<212> DNA  
<213> Homo sapiens

<400> 11154  
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 <212> DNA  
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 aaatgaa 127

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 <213> Homo sapiens

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 ccagcttgta gattttcagt ggaaactggg tatggctgtg agctcagaca cttgcagatc 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 11168						
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aagragatta	aatgctgaaa	catttggaat	cccacttcgt	caaaccgtg	gccgtggggg	180
atacagaggc	agaggaggtc	ttggtttccg	tggtggcaga	gggcgtggtg	gtggcagagg	240
tggtaccttc	actgccccctc	gaggattccg				270

<210> 11169  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

<400> 11169						
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ggagagtcca	ggcctctcct	tagaacccca	gatctggaga	tcaagctagc	tascgtgcct	120
ttcttaatca	gcatccctca	tacatctcat	tctgaaatag	aaaactaaat	ctatcttctc	180
ccctaaacct	gttccggttct	tcctatgtct	cctacttcag	tgcaaacct	caaaaacgac	240

cctatygtat aaatcagaaa cctaacagtc atcctaaacc tgtcccc

287

<210> 11170  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 11170  
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ataggagtgc ctgacaatta gctctattca tcttgtctcc tagctgtaag caccctagat 180  
tcaaattatg cacctagaaa actaaattac tatgtatgtt ataggccttt gaaatggata 240  
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<210> 11171  
<211> 210  
<212> DNA  
<213> Homo sapiens

<400> 11171  
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ctaggctcgc agtatctcgt tgtcaccctg aatttgctac tgcgtattga atsrcagctt 180  
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<210> 11172  
<211> 636  
<212> DNA  
<213> Homo sapiens

<400> 11172  
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cccggttccc cggcccacag tgggggtgtg caaacccgag agaactggtc gctgaaacct 180  
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ctttaagatt gcgtaccac tgcagagtgc tgaagacggg gtagccacga gggtgcaaat 300  
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gttttgagaa cagagtgtcg ttttagagct ggcagcagca tctcagcca agagaagggt 420  
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tcattacatt tttgagttt tttgggtttt tttttt 636

<210> 11173  
<211> 640  
<212> DNA  
<213> Homo sapiens

<400> 11173  
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tcattcccgt tggtatggag ggccacatct gccagagcct ggagtctgcg aaggccggga 120  
cccggttccc cggcccacag tgggggtgtg caaacccgag agaactggga agtgccgtca 180  
gaagcgataa ctgacgacgt ctaatgtcta tctgaccgca gtcgctgaaa cctctacaac 240

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gaatcagcat	catgtttggc	agctgagtat	tggagccagg	agcctgccat	gaggttttga	420
gaacagagt	ctgttttaga	gctggcagca	gcatctcagc	ccaagagaag	ccgatgcagc	480
ctcagtgttc	ctttgccttg	ggggtttctg	agtgggtggg	ttgtaagcag	atcctgccag	540
gcacccagaa	ggaaacctca	tcaggactcc	ctcagaaaag	ccctgaagaa	tcctgtgacc	600
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&lt;210&gt; 11174

&lt;211&gt; 553

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11174						
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cccggttccc	cggcccacag	tgggggtgtg	caaaccgag	agaactggat	tgcgtaacca	180
ctgcagagt	ctgaagacgg	ggtagccacg	aggttgcaaa	ttcgtgaaga	atcagcatca	240
tgtttggcag	ctgagtattg	gagccaggag	cctgccatga	ggttttgaga	acagagtgtc	300
gttttagagc	tggcagcagc	atctcagccc	aagagaaggt	tatattccca	gaggatgtca	360
gtcccaagga	ccagtagctg	ccatcagttt	ggattctgaa	aactaactgg	catcaacact	420
gggtgtaraa	acatgcttct	tatgtatcag	aggacatgct	cagcagatcc	aagagatata	480
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&lt;210&gt; 11175

&lt;211&gt; 689

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11175						
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atngcgtacc	cactgcagag	tgctgaagac	ggggtagcca	cgaggttgca	aattcgtgaa	360
gaatcagcat	catgtttggc	agctgagtat	tggagccagg	agcctgccat	gaggttttga	420
gaacagagt	ctgttttaga	gctggcagca	gcatctcagc	ccaagagaag	gttatattcc	480
cagaggatgt	cagtcccaag	gaccagtagc	tgccatcagt	ttggattctg	aaaactaact	540
ggcatcaaca	ctgggtgtag	aaacatgctt	gccttatgta	tcagaggaca	tgctcagcag	600
atccaagaga	tatatttggc	aactttttct	agaaaaggca	cattgggtat	cattcattac	660
attcttgagt	ttttttgggt	ttttttttt				689

&lt;210&gt; 11176

&lt;211&gt; 368

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11176						
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gagtattgga	gccaggagcc	tgccatgagg	ttatattccc	agaggatgtc	agtcccaagg	180
accagtagct	gccatcagtt	tggattctga	aaactaactg	gcatcaacac	tgggtgtaga	240

aacatgcttg ccttatgtat cagaggacat gctcagcaga tccaagagat atatttggca 300  
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tttttttt 368

<210> 11177  
<211> 376  
<212> DNA  
<213> Homo sapiens

<400> 11177  
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gagtattgga gccaggagcc tgccatgagg ttttgagaac agagtgtgtg ttttagagctg 180  
gcagcagcat ctcagcccaa gagaagccga tgcagcctca gtgttccttt gccttggggg 240  
tttctgagtg gtgggggttg aagcagatcc tgccaggcac ccagaaggaa acctcatcag 300  
gactccctca gaaaggccct gaagaatcct gtgaccttca tctaaagtag gtcatgagac 360  
ccctgagctt aaaacg 376

<210> 11178  
<211> 425  
<212> DNA  
<213> Homo sapiens

<400> 11178  
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tcattcccgt tggtatggag gttgcaaatt cgtgaagaat cagcatcatg tttggcagct 120  
gagtattgga gccaggagcc tgccatgagg ttttgagaac agagtgtgtg ttttagagctg 180  
gcagcagcat ctcagcccaa gagaagggtta tattcccaga ggatgtcagt cccaaggacc 240  
agtagctgcc atcagtttgg attctgaaaa ctaactggca tcaacactgg gtgtagaaac 300  
atgcttgccct tatgtatcag aggacatgct cagcagatcc aagagatata tttggcaact 360  
ttttctagaa aaggcacatt gggatcatt cattaacatt ttgagttttt ttgggttttt 420  
ttttt 425

<210> 11179  
<211> 456  
<212> DNA  
<213> Homo sapiens

<400> 11179  
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tcattcccgt tggtatggag ggccacatct gccagagcct ggagtctgcg aaggccggga 120  
cccgggttccc cggccacag tgggggtgtg caaaccgag agaactgggt tgcaaattcg 180  
tgaagaatca gcatcatgtt tggcagctga gtattggagc caggagcctg ccatgaggtt 240  
atattcccag aggatgtcag tcccaggagc cagtagctgc catcagtttg gattctgaaa 300  
actaactggc atcaacactg ggtgtagaaa catgcttgcc ttatgtatca gaggacatgc 360  
tcagcagatc caagagatat atttggcaac tttttctaga aaaggcacat tgggtatcat 420  
tcattacatt tttgagtttt tttgggtttt tttttt 456

<210> 11180  
<211> 464  
<212> DNA  
<213> Homo sapiens

<400> 11180

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cccggttccc	cggcccacag	tgggggtgtg	caaacccgag	agaactgggt	tgcaaattcg	180
tgaagaatca	gcatcatggt	tggcagctga	gtattggagc	caggagcctg	ccatgaggtt	240
ttgagaacag	agtgtgtgtt	tagagctggc	agcagcatct	cagcccaaga	gaagccgatg	300
cagcctcagt	gttcctttgc	cttgggggtt	tctgagtggg	ggggttgtaa	gcagatcctg	360
ccaggcacc	agaaggaaac	ctcatcagga	ctccctcaga	aaggccctga	agaatcctgt	420
gaccttcac	taaagtaggt	catgagacc	ctgagcttaa	aacg		464

<210> 11181  
 <211> 513  
 <212> DNA  
 <213> Homo sapiens

<400> 11181						60
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tcattcccgt	tggtatggag	ggccacatct	gccagagcct	ggagtctgcg	aaggccggga	180
cccggttccc	cggcccacag	tgggggtgtg	caaacccgag	agaactgggt	tgcaaattcg	240
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ttgagaacag	agtgtgtgtt	tagagctggc	agcagcatct	cagcccaaga	gaaggttata	360
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aactggcatc	aacactgggt	gtagaaacat	gcttgcccta	tgtatcagag	gacatgtctc	480
gcagatccaa	gagatatatt	tggcaacttt	ttctagaaaa	ggcacattgg	gtatcattca	513
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<210> 11182  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 11182						60
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tctaaaaagt	catttggaag	tatctctaaa	tatttggtac	catgtataag	ctgctaaaga	240
gaaattgggc	ccaacaaaac	taattgaata	attgaggcag	atttgtgtgt	atcatcaaat	297
tctatccaga	agttgaagaa	tctgaattta	aagattgtgt	gcatttaata	agaggat	

<210> 11183  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 11183						60
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actgcagctg	atttgggatt	tgctaagtag	ttttacagag	ctagatctgt	gtgcatgtgt	240
gtgtttgtgt	atatatacat	atctagggct	agtacttagt	ttcacaccgg	ggagctggga	300
gaaaaaacct	gtacagttgt	ctttctctta	tttttaataa	aatagaaaaa	tcgcgcactt	319
gcgcgtcccc	ccccccacc					

<210> 11184  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<400> 11184  
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 taggaagtga aaagataatt caccaaacia tgattaatca gatagaagtt ctagtcaaga 180  
 gggatattgt tgaagttacc tcttttagcc tagatacatg gattcttttc aaatcaggaa 240  
 agattagaaa aggaacccaa aaaacctttt aacagtgtga atctttatag tatttgaaaa 300  
 tgagaagaag cagcagattg taatttggtt tattggatgt gatggacgtt ctgtaataga 360  
 aaacctgaaa cgatgattga atgggaaaaa gagactacaa aatttgtcgt aggatgtata 420  
 caga 424

<210> 11185  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 11185  
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 cgcacgggtg ggtcactaca gatgttgggg agcaagggtt aggatcactt tttaaaaaat 240  
 caccacttgt ggctgtccca gagtgcggtt gtacatcctc cccacctcat aacgcagcca 300  
 ctgaggaaga gtgggttttcc taagaagaca ttgctggagt tgactttctt ctgtccaaac 360  
 aaacaacaa aaactaaaca cacacacaaa ccc 393

<210> 11186  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 11186  
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 accctgtaca cgtatcctga aaactggagg gccttcaagg ctctcatcgc tgctcagtag 120  
 agcgggggtc aggtccgcgt gctctccgca ccacccact tccatttttg ccaaaccaac 180  
 cgcacccctt cctgtcaac gaaaagcgcg tcgagatcac caagatcgag ctcaagcagc 240  
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 gcttga 306

<210> 11187  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 11187  
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 agcgggggtc aggtccgcgt gctctccgca ccacccact tccatttttg ccaaaggaa 180  
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 attgtctgtg ttttgagccc attgtcagtg tattatttag aggggaagttc tgatttttgc 360  
 taagggttga ttccgagttg cgaagtgggt tgggtg 396

<210> 11188  
 <211> 161

<212> DNA  
<213> Homo sapiens

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accctgtaca	cgtatcctga	aaactggagg	gccttcaagg	ctctcatcgc	tgctcagtac		161
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<210> 11189  
<211> 228  
<212> DNA  
<213> Homo sapiens

<400> 11189							60
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tgggactcag	gatctgagcc	tcctgctgaa	ggcacaggct	gggaatccca	ggcctgggtt		228
ccagtcccac	tccctctgtg	accctggaca	agtcactgcc	ccctctga			

<210> 11190  
<211> 452  
<212> DNA  
<213> Homo sapiens

<400> 11190							60
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aaatgatgta	gcctgacaag	acattttttt	cagtgtataa	aactaggtag	tattgtgcac		240
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<210> 11191  
<211> 1355  
<212> DNA  
<213> Homo sapiens

<400> 11191							60
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gcacttaaat	ttcccaattt	attaaattga	tgtaaatcag	atcttttcta	caagctccta		240
tccagccttt	tttttgaaat	ttctcaaact	catttactag	ttctgtaaaa	tcaagatact		300
aacattgtca	aatgcaaaga	tttgtttgat	ttttaaccac	ttcccatgtg	ttatacataa		360
caccttttgc	attatttctt	atgttttgaa	aagaaaatag	ctttttatac	tttttagttt		420
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caatagatag	agatgacatc	ttgatgactc	ttgaaatatg	gaaattttgt	ctgaagatca		540
gtggccatat	tactgtaggc	cctgggttcat	gttttcatca	atctaagggtg	caatttctaa		600
atttgtaaga	gtagggtttta	aaaaaaaagt	gcttcttata	tttgtwaaca	ttgtactttt		660
ccttratgtt	cttaaaaagg	atttccctca	gattactcat	gtttatgtwg	tgagcatgta		720
gaaamagtaa	tgctaagtga	tggctagtgt	ccttttyaag	attgtgacac	caggcttacc		780
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aaattaatta	cctttatgaa	ggtgggtttat	tacaaataag	cacactaacc	cctcgggaagt	900
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ctgaggcagg	agaaccgccc	gaacctgcaa	gcgaagggtg	cagtgcagccg	agatcacacc	1320
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&lt;210&gt; 11192

&lt;211&gt; 340

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11192						
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tccggtagga	gctgtaatca	atttgtctga	caacacagga	gccaaaaacc	tgtatatcat	180
ctccgtgaag	gggatcaagg	gacggctgaa	cagacttccc	gctgctgggtg	tggtgtgacat	240
ggtgatggcc	acagtcaaga	aaggcaaacc	agagctcaga	aaaaaggtac	atccagcagt	300
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&lt;210&gt; 11193

&lt;211&gt; 475

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11193						
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ggccattttt	ccatctcaat	ccctgtgaag	tcagacattg	ctcctgtcgc	tcggttnnnn	420
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&lt;210&gt; 11194

&lt;211&gt; 454

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11194						
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tgaccagtac	atttttataac	catccmggcc	ttgggttgca	agcaacagac	cttaaacata	360
caggaaacta	ttaaaatttg	ctcgatcagt	agtcatagga	wttggtataa	gaagagactc	420
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&lt;210&gt; 11195



<211> 488  
 <212> DNA  
 <213> Homo sapiens

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 atatatatta aaggcaaaac tatctcttga ctaactgatg gattcattta ctaaagcaca 180  
 gctgtatgta tttttgaata catattatga tcttgagact ttataaatca atttttatga 240  
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 aatacataat ataccacaga gattacaaat gttgaggaat gaaagcactt ctttgctttg 360  
 gcaatcattt tcagaccact atgtgtttga atcctctggg atcaatacgt attayagggg 420  
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 gtcacaca 488

<210> 11196  
 <211> 455  
 <212> DNA  
 <213> Homo sapiens

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 atccctagat ttcaagcatg tataatcact caaagtggat atgatcacag gcattcttct 180  
 cttgagctca gcaaaactat gcctaccaac accgaagaga agtcaaagat ttttatgaaa 240  
 aaaaattgca gatgatgttg gtgagataat aggatatgag caatgaaccc ttgggtgggg 300  
 ttccagggca cttaaattgc ctctgtgtctt gaggccttaa gatggactca aacaaaaaat 360  
 tagtattatc aataacaggt aatactgtgt ggattctaac aacattagaa tcattagctg 420  
 gcagtgtcaa mtctgaacaa gatttgtcag cttat 455

<210> 11197  
 <211> 118  
 <212> DNA  
 <213> Homo sapiens

<400> 11197  
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<210> 11198  
 <211> 200  
 <212> DNA  
 <213> Homo sapiens

<400> 11198  
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 ccaagcaaaa atccctggat tgaagcgcaa agctgaatga aaacgccccaa aataattagt 180  
 aggagtcat ctttaaaggg 200

<210> 11199  
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 <212> DNA  
 <213> Homo sapiens

<400> 11199  
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cggaggagat gaaacggaag atgcgcgagg atgtgatctc ctccatacgg aactttctca 180  
tctacgtggc cctcctgcga gtcactccat ttatcttaaa gaaattggac agcatatgaa 240  
gacaggacat cacatatgaa tgcacgatat gaagagcctg gttacagttt cgactcctct 300  
ctgcaagtga ataggccag aaagggtgtaa gagactcttt gaatggacat aaaattctgc 360  
ttgttaagaa caagtttggc tctggtaact gaccttcaaa gctaaaatat aaactttggg 420  
aagtatgaaa cgatgtctcg tgatctggtg tacccttacc cctgtgacgt ttggcctctg 480  
acaatactgg tataattgta aataatgtca aactccgttt tctagcaagt attaagggag 540  
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<210> 11200  
<211> 309  
<212> DNA  
<213> Homo sapiens

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aaagtgtccg tgcaggaatt ggactccgag gagggttaca gtatctcctg acgggacctg 240  
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tatttgggt 309

<210> 11201  
<211> 234  
<212> DNA  
<213> Homo sapiens

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ttttggaagc agaaaataaa aaactagtag aagacctcaa ctgtttggca ttatgaatct 180  
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<210> 11202  
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<212> DNA  
<213> Homo sapiens

<400> 11202  
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gccgccctgg ttgcacatgc cgtcggccat gactgtgtat gctctggtgg tgggtgtcta 180  
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tatgactgat gaacatgggc atcagaggcc agtagctttc ttggcctaca ggggctatct 300  
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<210> 11203  
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<212> DNA

<213> Homo sapiens

<400> 11203  
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ccactcccc actgcgattt tctactgtc agtcccaccg cttcctgcca cttggtctgg 180  
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<210> 11204

<211> 496

<212> DNA

<213> Homo sapiens

<400> 11204  
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tggaattgaag cgcaaagctg aatgaaaacg cccaaaataa ttagtaggag ttcattcttta 180  
aaggggatat tcatattgatt atacggggga gggtcaggga agaacgaacc ttgacgttgc 240  
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ggatttaaac cgtaatcata tctttttcct atctgaggca ctggtggaat aaaaaacctg 420  
tatattttac tttgttcag atagtcttgc cgcattcttg caagttgcag agatggtgga 480  
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<210> 11205

<211> 296

<212> DNA

<213> Homo sapiens

<400> 11205  
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gtgctgcgag ggtttaatcg ggctcttctg ctggccttga atatggtgga caggacagga 240  
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<210> 11206

<211> 543

<212> DNA

<213> Homo sapiens

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cgctgggttc tgggggagtt tggggttcgc aatgtccata ctactgactt tcccggtaac 120  
tattccggtt atgatgatgc ctgggaccag gaccgcttcg agaagaattt ccgtgtggat 180  
gtagtacaca tggatgaaaa ctcactggag tttgacatgg tgggaattga cgcagccatt 240  
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<210> 11207

<211> 205  
 <212> DNA  
 <213> Homo sapiens

<400> 11207  
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 cagaggaagg tgtgctacct acaacctgac tggcttcacg gaagaatatg cttctcaaat 180  
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<210> 11208  
 <211> 164  
 <212> DNA  
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<400> 11208  
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 gaaacatctc taatgtcgat acaaatgggg aacatttaga aagttatgag gctgagatct 120  
 ccactagacc atgccttgca ttagctccag atagcccagr aatg 164

<210> 11209  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 11209  
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 ccgcaattgg aaaggatata tgtggcaata ttaacctggg acatgaatat atggggataa 180  
 cattttaatt tgaagggttg gaatatatat atttaagctt ttttccaga acagtgaggg 240  
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<210> 11210  
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 ctttatctgc tttgtcacct ttttgtttcg gtggggtaaa ccctgaaata attgttccat 180  
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<210> 11211  
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 <212> DNA  
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<400> 11211  
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 gcaaaaccta agccttagaa gaagagatgc tgtcttggtc ttgttgragg agcttgcttt 420  
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<210> 11212  
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 <212> DNA  
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<400> 11212  
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 ctggagggaa tgttcatcaa agtcacacc tgcccct 157

<210> 11213  
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 <212> DNA  
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<400> 11213  
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<210> 11214  
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 <212> DNA  
 <213> Homo sapiens

<400> 11214  
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 cccaggaaga gcgttcgcgg agracancaa cttagtgaac atccagaaga cccatgagcg 300  
 gatgcagaya gagaacaaga tttctcccta ttaccggaca aagctgcgtg gcctctacac 360  
 aaccgccaag gccgatgcag aggctgagtg caacatcctt cggaaagctc tggacaagat 420  
 cgcg 424

<210> 11215  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 11215  
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 gccctcgagg ttcacctcac ctgagagggg tttgggcaga tcagcagtaa ggtgttaaat 240  
 tttagaagcc tgaaaactcc agaagagaaa ggccaaccaa ctcaaacttg aagacatgaa 300  
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<210> 11216  
 <211> 287

<212> DNA  
<213> Homo sapiens

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gaatcccaag acactgaaga ctctgtttga atcagactca cgggttcctt cctagccact 240  
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<210> 11217  
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<212> DNA  
<213> Homo sapiens

<400> 11217  
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tgccgcagaa gtcaccttc gcctggcggg acatgaaacc gagctggagc ggaggyagcg 180  
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<210> 11218  
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<212> DNA  
<213> Homo sapiens

<400> 11218  
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<210> 11219  
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<212> DNA  
<213> Homo sapiens

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aagtttggtt gtcttcatag cacttgctac cctctggaac tattctattc atttatttac 240  
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<210> 11220  
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<212> DNA  
<213> Homo sapiens

<400> 11220

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 gctttggata ctcacttttt atcaatcatt ttttaattaa ttaattaatt attttttttg 180  
 aggcggagtc tcgctctgtc acccaggctg 210

<210> 11221  
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 <212> DNA  
 <213> Homo sapiens

<400> 11221  
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 aagaactgga aggatcttca attttatttc tagaatagga atcgtatagt cccacattgt 300  
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<210> 11222  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 11222  
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 aaagacaatc actaaagcta tct 383

<210> 11223  
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 <212> DNA  
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<400> 11223  
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<210> 11224  
 <211> 379  
 <212> DNA  
 <213> Homo sapiens

<400> 11224  
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 agacttgagg gttactcagc atgaaattgt agtcaaagcc ttgggagctg aggaaacagg 360  
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<210> 11225  
 <211> 585  
 <212> DNA  
 <213> Homo sapiens

<400> 11225  
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<210> 11226  
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 <213> Homo sapiens

<400> 11226  
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<213> Homo sapiens

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 aagactgaac atccagaaga ggcagaagcc gtccgtgccca tgcccagaac ccaggaccac 360  
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<211> 129

<212> DNA

<213> Homo sapiens

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<211> 346

<212> DNA

<213> Homo sapiens

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<211> 433

<212> DNA

<213> Homo sapiens

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<211> 161

<212> DNA

<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 11236  
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<212> DNA  
<213> Homo sapiens

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agccctccac accacggatg ggctgcagac acaaactgga cagcgaggac aaggacaaag 180  
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<212> DNA  
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<210> 11238  
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<213> Homo sapiens

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 cgactgcga cccgaagmgc gagtcatggc tggggcctta gtggcaacaa gtgctgagat 180  
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<210> 11241  
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 <213> Homo sapiens

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 aatannaaaa gaaagaaaaa aaattaaaaa attaaacccc aaacaaaatt ttgaagtaa 300  
 tanaaaaagk saataatttt ggactcctgg cattagctac tatgatgacc tatttatctc 360  
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 <212> DNA  
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 <212> DNA  
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tcaccctgga	cctgagagac	ctcttcaatc	agaaatggaa	acagagagat	tctcctggaa	330
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 <212> DNA  
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gactcagaag	tatgccatgt	gatgctacct	taaagtcaga	ataacctgca	ttatagctgg	720
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<400> 11248

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<210> 11252  
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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11254

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11255

&lt;211&gt; 181

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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<210> 11258  
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<210> 11259  
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<212> DNA  
<213> Homo sapiens

<400> 11259  
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cctgatcacc agcatggcct aagtgtcat tatattgtag aga 163

<210> 11260  
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<210> 11261  
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<212> DNA



<213> Homo sapiens

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ttggcaagga ggccactagg actcattaaa cttttctgga tagtgatcca aagggcatta 180  
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<210> 11262

<211> 213

<212> DNA

<213> Homo sapiens

<400> 11262  
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<210> 11263

<211> 414

<212> DNA

<213> Homo sapiens

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gcgaatcacc attgagatgg tcatttggat catgtaaaca aaccgtgtca tgtctctgat 360  
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<210> 11264

<211> 264

<212> DNA

<213> Homo sapiens

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gtgctgaaaa ctgtatatatt agcagtagca cccaaaacca agcctttaac cccaacaatg 180  
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<210> 11265

<211> 156

<212> DNA

<213> Homo sapiens

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<210> 11266  
 <211> 338  
 <212> DNA  
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<210> 11267  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11268  
 <211> 564  
 <212> DNA  
 <213> Homo sapiens

<400> 11268	
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gggggaagtg ccagtgaagt gagcagtcag aacacacatt tggtgattaa gtttgcaacc	180
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<210> 11269  
 <211> 652  
 <212> DNA  
 <213> Homo sapiens

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gggggaagtg ccagtgaagt gagcagtcag aacacacatt tggtgattaa gtttgcaacc	180
ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatatc acagatcact	240
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cgggtgggtg ctgccgaaat gggcaagtgc atgaaacctg ggaaggtggt gcttgtcctg	360
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gatcgcccct acagccatgc tctggtggct ggaattgacc gctacccccc atgtctctac 480  
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<210> 11270

<211> 694

<212> DNA

<213> Homo sapiens

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 gggggaagtg ccagtgtgtg gagcagtcag aacacacatt tgttgattaa gtttgcaacc 180  
 ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatata acagatcact 240  
 gatcacggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc 300  
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 gctcatacac cacaagaga aaggcgagga agtctgcaga caatgttgtg agcaggcata 600  
 caagaggcct aggtttttta ctattttacat tttcattcat ttagtcattc aacacaaatr 660  
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<210> 11271

<211> 306

<212> DNA

<213> Homo sapiens

<400> 11271  
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 gacaaaactg tcgtcaataa ggatgtcttc agagatcctg ctcttaaact caaggcccga 240  
 cgggaggcca aggtcaagtt tgaagagaga tacaagacag gcaagaacaa gtggttcttc 300  
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<210> 11272

<211> 547

<212> DNA

<213> Homo sapiens

<400> 11272  
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 gggggaagtg ccagtgtgtg gagcagtcag aacacacatt tgttgattaa gtttgcaacc 180  
 ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatata acagatcact 240  
 gatcacggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc 300  
 cgggtgggtg ctgccgaaat gggcaagtgc atgaaacctg ggaagggtgt gcttgctctg 360  
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 ggacaaaact gtcgtcaata aggatgtctt cagagatcct gctcttaaact gcaaggccc 480  
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<210> 11273  
 <211> 351  
 <212> DNA  
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<400> 11273  
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 ccggagtagc gtccagccag tagtaacccc cctcccagag ttgtgataac caaaatgtct 240  
 gtaaacattg ccatgtcccc tgggggacaa aatcaccttg ttgagaacca ccaccctgaa 300  
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<210> 11274  
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 <212> DNA  
 <213> Homo sapiens

<400> 11274  
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 gggggaagtg ccagtgtgtg gagcagtcag aacacacatt tggtgattaa gtttgcaacc 180  
 ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatatc acagatcact 240  
 gatcacggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc 300  
 cgggtggttg ctgccgaaat gggcaagtgc atgaaacctg ggaagggtggt gcttgcctcg 360  
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 tccggagtag cgtccagcca gtagtaaccc ccctcccaga gttgtgataa ccaaaatgtc 480  
 tgtaaacatt gccatgtccc ctgggggaca aaatcacctt gttgagaacc accaccctga 540  
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<210> 11275  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

<400> 11275  
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 catgggcaag aagaagatcg ccaagagatc aaagataaaa tcttttgtga aagtgtataa 180  
 ctacaatcac ctaatg 196

<210> 11276  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 11276  
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 aaaactgtga cgattggctt tggagtaacc ctgtgtgctg ttcctattgc acagaaatca 240  
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 agcacctcta cttttctctc tcaga 325

<210> 11277  
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 <212> DNA  
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<400> 11277  
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 ccttgcgcaa gtactatgaa aactgtgagg ttgtcatggg caacctggag ataaccagca 180  
 ttgagcaca c 191

<210> 11278  
 <211> 154  
 <212> DNA  
 <213> Homo sapiens

<400> 11278  
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 ctgtggaaaa aacggggaag gagaagagaa gggg 154

<210> 11279  
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<400> 11279  
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 waaaagcaat ggtaaattaa rktgtcttcc aaaactgtgt acttgtcttg tcagctgtgt 180  
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<210> 11280  
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<210> 11281  
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 <212> DNA  
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tggcaaggta actacgtttt tgaaccttga aaactgttct acttttagggc attttggatt 180  
 atgcactcac tcaacaagta tttattgagt atgtactgtg tactagacac tgttctaggt 240  
 tcttggtata tatattgatg aaagagaaag aaaagtctct tctttatgat actttttcta 300  
 gtagggg 307

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 <213> Homo sapiens

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 tttgtttcct ttagatatct cccattggaa gcaggttgca caacgg 166

<210> 11283  
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<400> 11283  
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 atatgatgat ttttgattgc ttttgatttt aattctgcag gtgttcaagt cttaaaaaat 240  
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<210> 11285  
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 gacagttgaa actatggatt attttcatca tttattctag caactgatgc atttcaaaat 180  
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<210> 11286  
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<210> 11287  
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 <212> DNA  
 <213> Homo sapiens

<400> 11287  
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 <212> DNA  
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<210> 11289  
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 <213> Homo sapiens

<400> 11289  
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<210> 11290  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 11290  
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 agaagacagg atgatgaagt gccctggggg ccagagtcca gacaagtatt ttggcacctc 180  
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<210> 11291  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <213> Homo sapiens

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<210> 11294  
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 <212> DNA  
 <213> Homo sapiens

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gttcggccat	gtcagaagg	gcattttacc	ttttgacaag	gagactggct	ttcacagagg	360
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456

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gggaggg 187

<210> 11304  
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<212> DNA  
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<210> 11305  
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<212> DNA  
<213> Homo sapiens

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<210> 11306  
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<210> 11308  
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 <213> Homo sapiens

<400> 11308  
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<210> 11311  
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 <212> DNA  
 <213> Homo sapiens

<400> 11311

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<210> 11313  
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 gacactgagg cccagtgaag tcaaagggtg gctgcccggg gtcattgtagt cctgtgtgtg 360  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11315  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 11315  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <212> DNA  
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&lt;211&gt; 440

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11321

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11322

&lt;211&gt; 318

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11323

&lt;211&gt; 163

&lt;212&gt; DNA

<213> Homo sapiens

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<210> 11324

<211> 405

<212> DNA

<213> Homo sapiens

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<210> 11325

<211> 465

<212> DNA

<213> Homo sapiens

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<211> 235

<212> DNA

<213> Homo sapiens

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cgctacgga cggaaaagaa aagttgatta caaacgggac catattttgc ttcgaaatgg 180  
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<211> 329

<212> DNA

<213> Homo sapiens

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 <213> Homo sapiens

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 ggtaattgtt tttaatgatg gataaacttg tgctgggtgt ttggatctta tgatgctgag 180  
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 <212> DNA  
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 cgaggtgaa ggagccggga cgcggggctc tgggcctcgg gaactgagcc ggtactcacc 180  
 tccgcccctt ctcccgtcg ctgtccgcag ccatggccct acgctaccct atggccgtgg 240  
 gcctcaacaa gggccacaaa gtgaccaaga acgtgagcaa gccagggcac agccgacgcc 300  
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<210> 11331  
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 <212> DNA  
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 atcactgaaa tgactcaca ggcaatgtca attggaagac aaggctcagt acaagttgaa 240  
 gatatcgtct tcttgattcg aaaggaccca aggaagtttg ccagggttaa agacttgctt 300  
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 ggaaagctgc tgccaagaaa gactgagccc ctccccctgccc ctctccctga aataaagaac 180  
 ag 182

<210> 11333  
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 <212> DNA  
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 atgagaaaag acgtgaggtt ccttttgctt tttacctgtg gcctccctgc cctacacggg 180  
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<210> 11335  
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 <213> Homo sapiens

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 ttgccattt cttattaaaa aaacttggtt taaatccagt tgtctwaatg ggatcatatg 180  
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<210> 11336  
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<213> Homo sapiens

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catttctttg ttgagtctac ttttgatgag ctgagataat atgtgaaacc tgctatccgt 180  
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accagacaca gtgggagatc atgaagaagt attttacagt ctccaatctc aaagcattta 360  
cactctattt gtgacaagac tcgtagtcc cacatganag catagtcccc acagacaaca 420  
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<210> 11337

<211> 444

<212> DNA

<213> Homo sapiens

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cttccaatgg ccactcgccg cagacacatc aacaagcccc attaaaaaga wwaagaaacc 360  
tggttactg aacagtaaca ataaggagca gtcagaacta agacatgggc cgttttacta 420  
tatgaagcag cgactcacca caga 444

<210> 11338

<211> 381

<212> DNA

<213> Homo sapiens

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caaccaaactc tcacattcaa ttgttatccc caatgttgga gatggggccc tgtggcaggg 120  
gactagatta tcgagttgaa tttctcatga atagtttagt accatccctt tggtagtgtt 180  
ctcacaaatg cgagtgaagt ctctcaagat ctggtcattt aaaagtgtgg catctcacat 240  
gtacacacaa acatatacca tatatagcaa catttgacgt ccaaaagaaa tataaagaac 300  
agtagagatg caatgtttaa tcataactgc ataaaattaa ctgtagtata tactgtacta 360  
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<210> 11339

<211> 130

<212> DNA

<213> Homo sapiens

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<210> 11340

<211> 188

<212> DNA

<213> Homo sapiens

<400> 11340  
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aaccgacgat ggagggagac gtgctggaca cactggaggc gctgggggtat aaaggaccat 120  
tgtagaagag caagccctta caaaggcggc agagggtgga tagaagcctg aaccaaata 180  
gagcaggg 188

<210> 11341

<211> 489

<212> DNA

<213> Homo sapiens

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gaggccgtgc tgaacgagct ggtgtctgtg gaggacctgc tgaagtttga aaagaaattt 180  
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accggctcaa ggaatacgag aaggccttaa agtacgtccg cgggttgctg cagacagagc 420  
cccagaacaa ccaggccaag gaactgagcg gtcattgac aaggccatga agaaagatgg 480  
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<210> 11342

<211> 380

<212> DNA

<213> Homo sapiens

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caagttagca ttccagatgt gtagatcatt ctttattcca gttaaaagaa caaactttat 180  
ctcatcagtt ctgaaacttt aagatgcagt agcatcacct aaagtgcctt taaaatgcag 240  
attctcaggc ctcaaccgta caccaccccc ccacacacgt actaaatcaa gaatatgtgc 300  
agaaggtact gggaatctac ttgttaatat gtgctccaaa tgattctgat gtaggtaatt 360  
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<210> 11343

<211> 345

<212> DNA

<213> Homo sapiens

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aggccaagca gaatgaacgc aaggagctgc aggaaaagag gaggcgagag gctatcactg 180  
cagcgacctg cctgacagaa gctttggtgg atcacctcaa tgtgggtgtg gccagggcct 240  
tacakgamcc rrgaaagct ggaccatgag gtgaagaccc tacagggtcca ggctgcccac 300  
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<210> 11344

<211> 192

<212> DNA

<213> Homo sapiens

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tagatgagaa ctagggagag agagtaaaga gaaaagggtt aaggggtgaa agtgagtctt 120  
ggggaatact catgtttgag aggtgggagg aggaaataga gaagacaaaa gaacagccag 180  
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<210> 11345

<211> 456

<212> DNA

<213> Homo sapiens

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acgggaacca gcgcaagccn cgcaagttag tgcgcaccct ggggcacggc gcgggtggcg 180  
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cagatcagct tgaagaacta tgatccccag aaggacaagc gcttctcggg caccgtcagg 300  
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cacgtgaaga tgacagacga tgagcttggt tataacattc acctggctgt caacttcttg 420  
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<210> 11346

<211> 412

<212> DNA

<213> Homo sapiens

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gaactatgat ccccgagaagg acaagcgctt ctcgggcacc gtcaggttg caccgttctg 240  
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ggaggcgagc acgtcgggtac tgatgtgcta gggtagttca gacccctgc tccgggcagg 360  
cgcggtgga cggacccccca ccctgggttc ttaaaacatg aggggaaggc gt 412

<210> 11347

<211> 382

<212> DNA

<213> Homo sapiens

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caagttccaa atgaagaagg tggtatgtct ggctgttagc gttggctcag tgaagatgac 300  
agacgatgag cttgtgtata acattcacct ggctgtcaac ttcttggtgt cattgtctca 360  
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<210> 11348

<211> 486

<212> DNA

<213> Homo sapiens

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acgggaacca gcgcaagccn cgcaagttag tgcgaccct ggggcacggc gcgggtggcg 180  
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gctcccgcgt agccggaggc gagcacgtcg gtactgatgt gctagggtag ttcagacccc 420  
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<210> 11349

<211> 533

<212> DNA

<213> Homo sapiens

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cggggtccac cgcccgtga ggagatggat gaggatgggc ttcctctcat ggggtcaggc 180  
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caccagtgtc acaaatggag cacatcctga agccacttca gagcaaccac agcagaacag 480  
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<210> 11350

<211> 651

<212> DNA

<213> Homo sapiens

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ccagtgtcac aaatggagca catcctgaag ccacttcaga gcaaccacag cagaacagta 600  
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<210> 11351

<211> 209

<212> DNA

<213> Homo sapiens

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 tctcatagta gcacacaaga gaacaggca 209

<210> 11352  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 11352  
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 gcagctgcgg gagaagcaaa gggacgactg agggaataat caggagacca ctgaggcgtg 120  
 aagtactags cgtgcgataa ctgaaggagt tagtaactgg gagcacagag ttggaaacag 180  
 cttaggggaa gatggagaag gaagaaacgg gg 212

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 <211> 154  
 <212> DNA  
 <213> Homo sapiens

<400> 11353  
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 ctctcatcc taaagtgaag tctggaacac cacc 154

<210> 11354  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 11354  
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 ccagtttaaa ccggttgaga ctaccgacct ttcaactgga cccacgcaag tgccaagag 120  
 gtggccaaaa actccaccct caaatcatac taacggcgcc attttctgta cattatgtcc 180  
 aatgcaatac catgaacttt tgcgcagaac gaacctgtta cttcattttc cctaactgcc 240  
 aatcactttt cccacacact tagaccacc cacttcctta actcgtaatt atc 293

<210> 11355  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 11355  
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 agactacgga cctgtctggt tctcagccgc caaagacccc gtccggtagg aagtactagc 180  
 cggacatcat gagtggctgt cgggtattca tggggagact aaatccagcg gccagggaga 240  
 aggacgtgga aagattcttc aagggatatg gacggataag agatattgat ctgaaaagag 300  
 gcttttcccc acctttcccc cttttctatt ccacaaaa 338

<210> 11356  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

<400> 11356  
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 agactacgga cctgtctggg tctcagccgc caaagacccc gtccggtagg tgagtggctc 180  
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<210> 11357  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

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<210> 11358  
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 <212> DNA  
 <213> Homo sapiens

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 cacctcagcc tctcaagtag ctgggattac aggtgcacac caccatgccc agctaatttt 180  
 ttttttttt 189

<210> 11359  
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 <212> DNA  
 <213> Homo sapiens

<400> 11359  
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 <213> Homo sapiens

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 <213> Homo sapiens

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 tgagagttcc ttgggtttgc tctttcttca cctgaaaaga agactccagg aagggcagca 180  
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 <213> Homo sapiens

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 <212> DNA  
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 tctgtctgta ctacagcagt tcaaggaaaag tgacttatca catgttcaga acaaaagtgc 240  
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 <212> DNA  
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<400> 11365  
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aatccatctg	tacatcacca	tcataaaaga	ccaaaagtag	ataaaaccac	aaagatgggg	300
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 <212> DNA  
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cccaggcccc	tttgggtccc	tgagcctcag
ctggagatcc	ggcgcaggag	accaacgcct
gccatgctgt	tccggctctc	agagcactcc
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agagc		215

<210> 11368  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

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gaggcgagag	gagtcgggat	ctgcgctgca
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ttccgagtgc	agtgacagtg	atgtgtgttc
tgaaattgtg	aaccatgagt	ctagtactta
atgatctgct	tatctgctgc	cgtaactag
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<210> 11369  
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 <212> DNA  
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 gatcctggcc aactcgggat tgagttcggt cctggtctca gaaggccgt tttgctttca 180  
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<210> 11371  
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 <212> DNA  
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 gaaaagaagg aagaacaggt catcagcctc ggacctcagg tggctgaagg agagaatgta 120  
 tttggtgtct gccatatctt tgcacacctt aatgacactt ttgtccatgt cactgatctt 180  
 tctggcaagg aaaccatctg ccgtgtgact ggtgggatga aggtaaaggc agaccgagat 240  
 gaatcctcac catatgctgc tatgttggct tgcaggatgg ctgagtgggt ggmaaataga 300  
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<210> 11372  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 11372  
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 gaaaagaagg aagaacaggt catcagcctc ggacctcagg tgctgcctcc aaggccccga 120  
 aacagagagt gctactgca acaaatcaac ctcttccact ccactgctgc ttttggtgcc 180  
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<210> 11373  
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 <213> Homo sapiens

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 acttgagtc tttgtccagg acgatgagac actcaaagag aacttactgt cctgattggg 180  
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 atagccatta tttggaaagc aggtctataa atgagaaaga ttatcatagt cgacgctaca 360  
 ttgatgagta cagaaatgac tacactcaag gatgtgaacc tggacatcgc caagagacat 420  
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<210> 11374  
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 <213> Homo sapiens

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 acttgagtc tttgtccagg acgrtragac gcaggaggga gcggactagg tgacagggcc 180  
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gccgcgattt	ggcgtttaact	tattgaccca	tggggaggag	ggtcacttcc	cgtgaaaaga	220
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<210> 11376  
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 <212> DNA  
 <213> Homo sapiens

<400> 11376						60
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tatgaggccg	ggcctgcaat	gatgtgaagc	ccctgaggac	gcccgaatgg	tggcccaaag	300
tctctctgac	gctcaccatg	ccctgactat	catgctatct	gaacgacttt	ggctgggact	341
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 <211> 106  
 <212> DNA  
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<400> 11377						60
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cctcgacagc	cagaggctag	ctttgaaccc	catccttctg	tgacac		

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gccaaagggtg	agagctctat	gaagagtggc	tggaacttag	aaacggttgc	ctctgctgtt	360
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atgacatact	gttagagacc	actggattag	cagaccctgg	tgacgtgact	tctatgtttt	480
gggttgatgc	tgaattaggg	agtgatattt	accttgatgg	tatcataact	attgtgnatt	540
caaaatattg	attaaaagt	aaataccact	aaaggcagaa	gagaatgaaa	tcatcccacc	542
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<210> 11379  
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 ccagtcacaa ttatcaccgg gtatttagtt attcagaggc tgctctgctg agaagatgaa 300  
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 tcaactg 366

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 <212> DNA  
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 cttggggctc cgcagggtctc ggammaggggt tkncaaggac ttcggagcta accagtttgg 180  
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 <213> Homo sapiens

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gccctcgctt tgctgaagrn gagcagckcc caccaaagtc ttgnctcccc ttaccccgaa 180  
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atctatttag	atcgggctga	ctgtacaaat	gactcctgga	aaaaactctt	cacctagtct	351
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aaagtcatga ctgactccaa gtatttcaca accaataaaa aaggagaaat atttraacta 240  
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 gctgctatga ccgtggggaa ggatgttagt tctctctttc cagacgtagt gaactgtatg 360  
 cagactgaca atctggaact aaagaagctt gtgtatctct acttgatgaa ctacgccaag 420  
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60  
63

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 tggggtaaca agatgagact agaaagagtg aaaaggaggg aatagttgaa gaagtgatag 180  
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 actggtgca tccattgagc acttggatcc atccctgtaa caaaagactc ctgacaaata 240  
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&lt;210&gt; 11433

&lt;211&gt; 153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11433

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&lt;210&gt; 11434

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11434

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&lt;210&gt; 11435

&lt;211&gt; 388

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11435

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&lt;210&gt; 11436

&lt;211&gt; 566

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11436

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accagcccct	gatcatttcg	cctaaaagag	caaggactag	agttcctgac	ctccaggcca	240
gtccctgata	cctgacctaa	tggtatcgcg	gaatgatgga	ggctggggta	cgctggagaa	300
ggaatgggct	tcataacctt	gagccctctt	ccctgaagat	atatgtatct	acggggggcct	360
ggggctgggc	gggctcctgc	ttctggcagt	ggtecttctg	tccgcctgcc	tgtgttggt	420
gcatcgaaga	gtaaagaggc	tggagaggag	ctggcacctt	ctgtcctggg	cccaggccca	480
gggctcctca	gagcaggaac	tccactatgc	atctctgcag	aggctgccag	tgcccagcag	540
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 <213> Homo sapiens

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gtcctggatg	cctcatccct	tagtttcaac	accagattga	aatggtttgc	catctgcttc	300
gtatgtggcg	ttttcttttc	tattcttgga	actggattgc	tgtggcttcc	gggcggcata	360
aagctttttg	cagtgtttta	taccctcggc	aatcttgctg	cgttascagt	acatgcttnw	420
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tctcattttg	tatactggta	aaaactacat	gcttgattaa	accattaaat	gcttgtaact	836
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<210> 11439  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11440  
 <211> 400

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11440  
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 ccgaactcag tccgagatgt agactaggca ataacgctaa tctaataccg gtacgattaa 180  
 cccactcag ccgcacctgg cttaatgtcc gctgggtggg tttggagacc tcgagcattt 240  
 aaatgaagcg ctcacaaaca agagcacagg ttgctttggg atcataaaaag agcaggagag 300  
 aaaggcttct gggggctctc ggaagatgga tgtcaacgca gagttttcaa ggctgagtac 360  
 ggggttagcca ggagaaagaa gagaagggtg agagagcaac 400

&lt;210&gt; 11441

&lt;211&gt; 395

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11441  
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 tttaaagggt taaattgttg gaaaagagca tttgccttct ttaatgaatg atggtctcac 180  
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 aatgtcacct aaattactga atgtactcat tataatatga tatctgacaa aggtagtaca 360  
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&lt;210&gt; 11442

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 catttttatt aaagtaaaaa ataagatagt agtagctctg gacatttgga aatgtgtatg 180  
 tttgtttaca ccctgtgaaa agtagacatg gtctgcaaaa gagccaatct cctaaatata 240  
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&lt;210&gt; 11443

&lt;211&gt; 533

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 cctgccattt cctgagaacg ggactgctga gagaggagct gggaggagca ctgcaaattt 180  
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 gaattggaca tgtgggcctg gagcacagag aagggacttg agcatgcata tttgggtggt 300  
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 ttaagagggtg attggatcat gaaggctcta ttcccactaa tgaatggatt catcatggga 420  
 gaactggcgg ctttataaga gaggaagaga gacctgcgt asmnccttagc acgctcagtc 480  
 ccctgccat gtcatgcctt gaaccctca ggactctgca gagrgttcct acc 533

<210> 11444  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 11444  
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 agacaagctt tcggaggctt ttgactgact ggatgtggga atgttggtga agacttctgg 120  
 cctgccattt cctgagaacg ggactgctga gagaggagct gggaggagca ctgcaaattt 180  
 cactttggac acgtgagtca gaggttaaca cagaaatctg ctcctgggc catgccgc 238

<210> 11445  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11446  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

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 cctccaaaag agcccatgaa agatgacatc accggggaac ccttgatccg tcgatcagat 180  
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<210> 11447  
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<400> 11447  
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 gatagaggcc agattgtctt ggaagttcca aagttgcaac gatttctggc tagtgccacg 180  
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 <212> DNA  
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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11453  
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 <212> DNA  
 <213> Homo sapiens

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 ttggcacggg gggcatttga tcatgcataa gtaggctcag gacctctgac acaccgacc 180  
 ccgcccaccc ccagccccgg gcccatattc ttcctcttca ttccgggtcc tgggcccctt 240  
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<210> 11454  
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 <212> DNA  
 <213> Homo sapiens

<400> 11454  
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 <212> DNA  
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<210> 11459  
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<210> 11461  
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 <213> Homo sapiens

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&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11463

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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a						301

&lt;210&gt; 11464

&lt;211&gt; 182

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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cc						182

&lt;210&gt; 11465

&lt;211&gt; 155

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11465



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 aggggaagagc cctcacctca tcaattccct gaggcctcac cttctaatac taccaccttg 420  
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 <212> DNA  
 <213> Homo sapiens

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 caagccacat cagttctctc ctttaaccac tccattcgac tggtatcaca gctatgcttc 180  
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 agttcctgtt gctgcacatt ctcaatatca gttgttgatc gtgctccaga ttttggccat 300  
 tctactagaa gcaagagcaa cggctctata tctggatcac tgcagtgcct agaagataca 360  
 acagcacaat ttacaaatcc aaatttccag gaagtctctc cacatacctc tagtacaaaa 420  
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<210> 11469  
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 <212> DNA  
 <213> Homo sapiens

<400> 11469  
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gacctagttt attattnnggt tattgataaa gcaaagctaa ctgtgtgttt agaag

175

<210> 11470  
<211> 376  
<212> DNA  
<213> Homo sapiens

<400> 11470  
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agcagcagcg ttaattcatc tgcctacact atttaccatg gaaaagataa atatgaaaat 180  
gaagatctga tcaagcatgg ctrrcctgaa gatattctgg agagaatata gaagacatcc 240  
caaaggaagt gctgatggac tgtgcccacc ttgtgaaggc caatagcatt caaggtaaaa 300  
attgtgacag tggagaagaa agtaaagtga atctgaaccg attagwaaga ccaaagtcga 360  
gcggtcccag acctag 376

<210> 11471  
<211> 231  
<212> DNA  
<213> Homo sapiens

<400> 11471  
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tggcggactg ggcgaacgan tgaagcggag ttgcagcgcc tggaggccgc cgagcagcag 120  
aaggcgcagt ttactgcaca ggccacgtgc ccgtagaaaa gatactcatc cactgtgggt 180  
tttggtttcg ccgtcaccac actgcctcac tgattgtgag gatcatatgc g 231

<210> 11472  
<211> 303  
<212> DNA  
<213> Homo sapiens

<400> 11472  
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aaggcgcagt ttactgcaca ggtgcatcac ttcatggagt tatgttggga taaatgtgtg 180  
gagaagccag ggaatcgctt agactctcgc actgaaaatt gtctctccag ctgtgtagac 240  
cgcttcattg acaccactct tgccatcacc agtcggtttg cccagattgt acagaaagga 300  
ggg 303

<210> 11473  
<211> 131  
<212> DNA  
<213> Homo sapiens

<400> 11473  
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ctttgtctaa caaacatttc ttttcatttg tagatgaact aaaccttaag atgacttcac 120  
aggatgagga g 131

<210> 11474  
<211> 332  
<212> DNA  
<213> Homo sapiens

<400> 11474  
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tcattatttta tcaaaaagata tatgctgctt aaacacaaat acgtttttaa atatatttta 120  
ggcagtaggg ttttgggttt tttttttkgc aagtyctttk ggtgagtaaa tttagtata 180  
aatgattttt ttttcttttg agacagtttg ctctgtcgcc caggatggag tgcagtgcag 240  
tggcgcgatc ctgcaacctc sgccctctga gtycaagcga ttctctgcc tmagcctccc 300  
gagtagctgg gattacagas gcgcgcmacc cc 332

<210> 11475  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 11475  
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aaaccagtgc catccagtct ttatgcaa atgctgca aaaggggaagc agattctgta 120  
tatgttggtg actaccacc aagagcacat gggtagcagg gaagaagtaa aawwagagaa 180  
ggagaatact ggaagataat gcacaaaatg aagggactag ttaaggatta actagccctt 240  
taaggattaa ctagttaagg attaatagca aaagatatta aatatgctaa catagctatg 300  
gaggaattga gggcaagcac ccaggactga tgaggtctta acaaaaacca gtgtggcaaa 360  
aarnaaaaaa aaaaaaaa 378

<210> 11476  
<211> 335  
<212> DNA  
<213> Homo sapiens

<400> 11476  
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agctcgccac agctgccagc catctgtcca ttcacccatc tgtccatctg gcagcccgt 120  
gttcagacct gtctgtctgt ccgcccattc gtaagcccat ctctgtccca ttgtctatct 180  
gaccatcttt ctcttactgt cctctttgtc tagctatctg gcctatctgt cgatccatct 240  
tcgtgtctgt cttcagcccc cactgttttg tccatctgtc caattacctg tgactctrtg 300  
caycttcttg tccattcatc ygcccaccca tctgg 335

<210> 11477  
<211> 263  
<212> DNA  
<213> Homo sapiens

<400> 11477  
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ctgcttcaga gctgaagggt attgggagat ttttaacttag atctccagca agtgctacaa 120  
ggaagaaaag atcctgaaga atcaatcaag ttttccgtga agtcaagtc aagtaacatc 180  
cccgccttaa ccacaagcag gagaaatgaa gcacattatc aactcgtatg aaaacatcaa 240  
caacacagca agaaataatt smg 263

<210> 11478  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 11478

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cagacagtac	aacagattca	ctggatgaaa	gaaagataaa	aggggtcatt	gagctcagga	120
agagcttact	gtctgccttg	agaacttatg	aaccatatgg	atccctgggt	caacaaatac	180
gaattctgct	gctgggtcca	attggagctg	ggaagtccag	ctttttcaac	tcagtgaggt	240
ctgttttcca	agggcatgta	acgcatacag	ctttggtggg	cactaataca	actgggatat	300
ctgagaagta	taggacatac	tctattagag	acgggaaaaga	tggcaaatac	ctgccgttta	360
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<210> 11479  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 11479						60
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agaactggat	tcgtggcgcc	acaagctcat	tcactgtggg	ttgaaagtat	tcttgaaggg	172
ctgtttggac	ctgcattatt	aaaagatctc	agttttat	aagactgtga	ac	

<210> 11480  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 11480						60
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gttaaaaggg	ctttaatcca	ttctaaggat	tgggttaaag	aggggtacag	gggtgaggat	240
ggcttcctgg	agatgtcact	gaactgagtc	ttaaaagatg	aataggaatt	agccagacaa	300
agaaaggagt	aaggtctata	gctcaatgat	ttgcatcctc	cacaatgcat	tttctgtag	327
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<210> 11481  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<400> 11481						60
gtgcggtgca	gcaggctcgg	aggcgggaaa	tggcgactgg	ctgaaggagc	tggttctgtt	120
gctgctgcgg	ggtaagcsgg	aaagacacca	cacattgcgc	agtcgggacc	atcgccggag	180
cctgaggaca	cttctctgtc	gtcacagtta	gttttacatg	tggcaccat	aaaagatgag	240
gctgagaaca	cggaaaagctt	ctcagcagtc	aatcaaatc	caaacacaac	gcactgccag	263
agcaaaggag	aatatttcag	agg				

<210> 11482  
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 <212> DNA  
 <213> Homo sapiens

<400> 11482						60
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atggctgctc	tgttcagggg	gcctggggtc	aggggtggcg	gccaccgacc	tgtgccagag	240
aaggctagtc	tctgcatgga	cttcagtga	ggcatacccg	gcctgatggg	gagggctgtg	300
ggtggaaacc	acacagaaaa	gatgcctcct	cttgcttgaa	ttgtgggtgtt	aactagccgg	

9

<210> 11483  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 11483  
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 atcaacctat catttgcagc gwtggattt ctgggcattt accacttggg ggcarcatct 120  
 gcactttgca gamcawggca aaaaacttgt gaaggatgtc aaagccttcg ctggggcgctc 180  
 tgcgggatcg ttggttgctt ctgttctgct aacagcacca garaaaatag aggaawrtaa 240  
 ccaatttacc tacaagtttg ccgaagaaat cagaaggcag tctttcgggg cagtaacgcc 300  
 cggttatgac ttcattggccc gactaagaag tgggatggag tcgattcttc ctcccagcgc 360  
 tcacgagctg gcccagaacc gactgcac 388

<210> 11484  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 11484  
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 tcagacattt ggaggctctt cagtgggtcc ttagcatcag ggatgccagg cagtcccagt 240  
 ggaagcgaag agatactcgg caagtggctg ctggtaatgg gacgcaaag ttgacttgat 300  
 ttgtgggaca tccacgctga gaactgagtg ctcacgtaac tcaaatggg 349

<210> 11485  
 <211> 483  
 <212> DNA  
 <213> Homo sapiens

<400> 11485  
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 atgggagtta ttagaaaagc agctttgctt gctttaaccc aggaattgta tttctggtat 180  
 gttgtttcct ttagacaat tgccctaaag gttcttttgt ttaaggagca ggaggatggg 240  
 ggaggttatt tctgctctca gcaaaagtct tagaaccagg gtctcctcgt ttgtaaggaa 300  
 gcaagtaggt ccctggacct gggctgggat atgatttgtg atcagccagg caagagttaa 360  
 gagtggaggt ctgtgctctc tgcccattct ataatatctt aagggtgatc atctgtggta 420  
 ttcttgagtg gtatgtccca ttccatctag catttcatta gaattattgt ataaaggatg 480  
 aca 483

<210> 11486  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 11486  
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 aatcaccgac ctctctcccc agctgtattt ccaaaatgtc gctttctaac aagctgacgc 120  
 tggacaagct ggacgttaaa gggaagcggg tcgttatgag agtcgacttc aatgttccta 180

tgaagaacaa ccagataaca aacaaccaga ggattaaggc tgctgtccca agcatcaaat 240  
tctgcttgga caatggagcc aagtcggtag tccttatgag ccacgcacca gcatacatat 300  
cttaaaaaaa cagtaaaaga tttttttt 329

<210> 11487  
<211> 351  
<212> DNA  
<213> Homo sapiens

<400> 11487  
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gcataatttca ttttctgtca ttggactttg agccattaga accatgagca actacagtgt 120  
gtcactggwt ggcccagctc cttgggggtt ccggctgnma gggcggttaag gatttcaaca 180  
tgectctgac aatctctagt ctaaaagatg gcggcaaggc agcccaggca aatgtaagaa 240  
taggcgatgt ggttctcagc attgatggaa taaatgcaca aggaatgact catcttgaag 300  
ccccawsgac caccgctttc tgattccaga ttgaattaaa aaaaaaaaaa a 351

<210> 11488  
<211> 354  
<212> DNA  
<213> Homo sapiens

<400> 11488  
gcgagtcact tgtcagccct tgtctgaggc ggaggcagcc ccgcgccgcg ccggaccgga 60  
gcataatttca ttttctgtca ttggactttg agccattaga accatgagca actacagtgt 120  
gtcactgggt ggcccagctc cttgggggtt ccggctgcag ggcggttaagg atttcaacat 180  
gcctctgaca atctctagt taagtaaact ttacaaattt tattatagat gttcattcag 240  
tgcttagtcc tcgggctgag ttgtttaatt ctctgttgac ctgtactcta cttattatca 300  
ttgctcctgg gatttgatct tggcaaattt gattatctat aataaaggat gagg 354

<210> 11489  
<211> 279  
<212> DNA  
<213> Homo sapiens

<400> 11489  
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actgcagagt gtaaatggga accattttta gcttaaggta aaataggtaa caggaaacac 180  
tacagaatgg gtacaaaggc atgccccca ttaccaaaga ttacagccaa gtgtctgcct 240  
cttggggaag gatctgttct gtggggagta ctgacgtg 279

<210> 11490  
<211> 304  
<212> DNA  
<213> Homo sapiens

<400> 11490  
aacgcgtgcg cacagtttct tccgacagtt gtgttgtgcc aatggtggag aagaaaactt 60  
cgggtatgtg agcccccgcg gttegccccc ttccccctcc caagtcaagc ctagaatttt 120  
cttacctagt cattcctctt ttttgggtct gctctttcgc ctaggctgga gtgcagtggc 180  
atagtcatgg ctactgcag cctcgatttc ctgggatcaa accatcctcc cacctcagcc 240  
tccggagtgg ctggaactgc aagcatgagg cccacgcct gggttaatttt taatttggtta 300  
tgtg 304

<210> 11491  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 11491  
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 cctgtcgggc ttcccagcag cggcctagcg ggaaaagtaa aagatgtctg aatatattcg 120  
 ggtaaccgaa gatgagaacg atgagcccat tgaaatacca tcggaagacg atgggacggg 180  
 gctgctctcc acggttacag cccagtttcc aggggcgtgt gggcttcgct acaggaatcc 240  
 agtgtctcag tgtatgagws gtgtccggct ggtagaagga attctgcatg cccagatgc 300  
 tgnctgggga aatctggtgt atgttgtcac tatccaaaga taacaaaaga naaatggatg 360  
 agacaga 367

<210> 11492  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 11492  
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 tgtggagtgg gctgctacct cctggcctaa atgaaagtga cgctgagtca aactcggaa 120  
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 gatacataaa aattaactta aaatagattt aaaaaccta acagaagagc taataatata 240  
 aaacttccag agaaattctt gatttaggta aagatttgtg acattgagtt cttaacannn 300  
 caaaaagtac aaynncaaga aaganaaaaa gaaaagwaaa gaaagagaaa atgaaagaaa 360  
 aggcactgta ttgctactgg gc 382

<210> 11493  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<400> 11493  
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 aagatgttct cgtccgtggc gcacctggcg cgggcgaacc ctttcaacac gccacatctg 180  
 cagctggtgc acgatggtct cggggacctc cgcagcagct cccaggggnn cacgggcccag 240  
 ccccgccgcc ctcgca 256

<210> 11494  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 11494  
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 aatctgggag ctaaaagatt acttctgcct ggacaaggct gcctagcaat caaaataacc 120  
 agcagaaaac acctcttaat ggagaagaat gagactgggc tggctgcaca tgccaagagg 180  
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<210> 11495  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 11495  
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 agcaggcccc tgtccttctg tcgggcgccg ctcagccgtg cctccgcgc ctcaggttct 120  
 ttttctaatt ccaaataaac ttgcaagagg actatgaaag attatgatga acttctcaaa 180  
 tattatgaat tacatgaaac tattgggaca gagtgatttg ccccgatca aaacggagat 240  
 tgagg 245

<210> 11496  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens

<400> 11496  
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 gcgggaggaa ccgttacggg aactgaagtt gcggattaag cctgatcaag atgacaacct 120  
 cccaaaagca ccgagacttc gtggcagagc ccatggggga gaagccagt gggagcctgg 180  
 ctgggattgg tgaagtcctg ggcaagaagc tggaggaaa gggttttgac aaggcctatg 240  
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 gtactcacct ccgacgtact ccgggggtct ttgggagttt tctcccctaa ccatttcaac 540  
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<210> 11497  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 11497  
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 accaacaataa ctaaggacgc caacttgtct ggaaggccca ataaaaagct gattcatgga 180  
 ggaatgcaat tgtcacatcc taatgatttc atctccctta ccccaacgaa tcgataaccc 240  
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<210> 11498  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 11498  
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 aaaatctagg gatccaatca gatgcagaga atgtggatac agaataatgt acaagaaaag 240  
 gactaaaaga ttggtcgttt ttgatgctcg atgaatgctg ggaattcaga ggaatgtctt 300  
 cacttatact tggatttgct ctcttcccat ttctgattgt tgtatagctt tcgattttgc 360



ttacagtagt tcccccttat cttcgggaga tacattccaa ggcccccagt gaactcctga 420  
aacctcaaac ag 432

<210> 11499  
<211> 363  
<212> DNA  
<213> Homo sapiens

<400> 11499  
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tttgatatttg agtatactaa ctttgggaaca tagtgtaata ttaatggcta cagaagaggt 180  
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gat 363

<210> 11500  
<211> 572  
<212> DNA  
<213> Homo sapiens

<400> 11500  
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cagtgacagaa tgaagggtccc aagagagagg atcacatggc tctctctgcc ctgtgacgtc 180  
actagcagat ggcaggggta ccagctctgg cagttggcat caatgtcact ttttagagat 240  
caatgagata gtgcagatat acacagatct agagactcca ggagacgatg cgacactcag 300  
cctgaaaaga tttggaagac ccaaaatgaa aactgattat tgaatgaaat taaaacctaa 360  
ggtaatatata ataaagatat acttcaattg atgctggcct tgcagcaag tatttaaga 420  
tacagtgtca ctgtcttata gtatttataat gctctttgcc atctataact tatcatattt 480  
cattcttatg atgtaattat cacatacttt cactgctatt atgtaacact gcaagtatgt 540  
ggacattact aagagtttgt gtatgtgttc gt 572

<210> 11501  
<211> 459  
<212> DNA  
<213> Homo sapiens

<400> 11501  
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cagtgacagaa tgaagggtccc aagagagagg atcacatggc tctctctgcc ctgtgacgtc 180  
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cctgaaaaga tttggaagac ccaaaatgaa aactgattat tgaatgaaat taaaacctaa 360  
ggtaatttaa gattagagaa ccatgttaac actaccgttt gatgagtctg ttgtaatgcc 420  
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<210> 11502  
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<212> DNA  
<213> Homo sapiens

004220" 666E560

&lt;400&gt; 11502

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caaaagtaat	gctgccaaag	gaagtctaag	gaattagtag	tgttcccatc	acttgtttgg	180
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ggggaaagag	ttataggacc	acagtcttca	cttctgatac	ttgtaaatta	atcttttatt	300
gcacttgttt	tgaccaagct	atatgttttag	aaatgggcat	tttacggaaa	aattagaaaa	360
attctgataa	tagtgcagaa	taaatgaatt	aatgttttac	ttaatttata	ttgaactgtc	420
aatgacaaat	aaaaattctt	tttgattatt	ttttgttttc	atttaccag		469

&lt;210&gt; 11503

&lt;211&gt; 392

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11503

tagcactcat	cagaaaactc	ctgtatgttc	tattgatggg	agcactccca	tcactaaatc	60
aacagggtgat	ttagtgatgg	gagstttccc	atcacttggt	tggagtgtgc	tattctaaaa	120
gattttgatt	tcttggaatg	acaattatat	tttaactttg	gtgggggaaa	gagttatagg	180
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gctatatgtt	tagaaatggg	cattttacgg	aaaaattaga	aaaattctga	taatagtgca	300
gaataaatga	attaatgttt	tacttaattt	atattgaact	gtcaatgaca	aataaaaatt	360
ctttttgatt	attttttggt	ttcattttacc	ag			392

&lt;210&gt; 11504

&lt;211&gt; 356

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11504

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gccctgcaaa	tgttttacaga	aatgaaattc	ttcctactta	tataagaaat	ctcacactga	300
gatagaattg	tgatttcata	ataacacttg	aaaagtgtcg	gagtaacaaa	atatct	356

&lt;210&gt; 11505

&lt;211&gt; 409

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11505

agttgtctct	tcgccgccgc	cgcagcctct	gccccactcg	tgagggatcc	gagggctccg	60
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tatatgcaga	aatccacgtg	caaaaatttt	cagacacacc	tttgtacctc	ttcctaattcc	360
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&lt;210&gt; 11506

&lt;211&gt; 447

&lt;212&gt; DNA

<213> Homo sapiens

<400> 11506

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cccggacctg	cagcatcaac	atcacctgga	aaccattag	aaaagcaaac	ccagctgtgg	180
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gtatactttg	ggargtacac	agaccactg	tagcaccttc	agatggtgag	aaggaaggcc	360
aattaaaaga	atgtccaaag	aaaggagtgc	tcacatcatg	ataaacacc	agcagaggaa	420
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<210> 11507

<211> 235

<212> DNA

<213> Homo sapiens

<400> 11507

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actagtgcg	atgtcgaaga	gggaaaatga	aaaggggtcgc	cttgaagaag	cctacgagaa	180
atgtgaccgt	gacctggatg	aattgattgt	acagcactac	acagaattga	cgaca	235

<210> 11508

<211> 271

<212> DNA

<213> Homo sapiens

<400> 11508

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tttatgctga	gcaaaagcaa	caaattgagc	caggcgagga	tgataaatat	aacattggaa	180
taatagaaga	gaattgggtg	ccatcatgga	agaacaggca	gcagaactcc	ttggagtga	240
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<210> 11509

<211> 129

<212> DNA

<213> Homo sapiens

<400> 11509

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tacagggga						129

<210> 11510

<211> 251

<212> DNA

<213> Homo sapiens

<400> 11510

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acttgccctc	ctgtcctcca	agaccaggag	atggtaaaag	caataccatg	agacttccga	180

ggctagggca cgaaaggatg gcttctgcgt ggtgctccct ctctcccaga tcccttgctc 240  
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<210> 11511  
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<212> DNA  
<213> Homo sapiens

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tggagtatca gaacaagggc cgcgggaacg agtgcgtgca gtaccagcat gtgttacata 240  
gaaatctcat ttatttggt accattgcag atgccagtcc aaccagcact tcaaaagcaa 300  
tggaataatc tttcaaaagc aatagaataa tcttccattt ggctgtcgtg an 352

<210> 11512  
<211> 408  
<212> DNA  
<213> Homo sapiens

<400> 11512  
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agaatactaa aagggtttct ttgaatgtat atgtttctga aagtcatttt ttaatgatta 180  
cattctgtac attctgtaaa aacttcaaaa cctggccagg caagggtgctg ggattgcagg 240  
cgtgagccac cgtgcctggc cagaaactct tttttaagcg atgagatctg tgtggcattt 300  
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agagtggaag tgcgaaggaa tctcaggtag ctcttaacta attcgctt 408

<210> 11513  
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<212> DNA  
<213> Homo sapiens

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ctccctgctc caaaaactat gaaattaatt tgaccatatt aacac 285

<210> 11514  
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<212> DNA  
<213> Homo sapiens

<400> 11514  
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cagcacagtt ccctgccctg gataaggaac agctacagtc gctgttaaat gtgcctgaaa 120  
agcaatttgc aatctttgca ttaggcattt cgcccgtagg accccaggct cggaggactg 180  
ggtgtgagcg ctgcccggga gaggtgacc tgccgggacc ggagtgcctg gggacgctgt 240  
gccccactt gcccaacgtg cggaatcggc taagcgcgtc ggcctgmgcg gggcacaagg 300  
gacgacgc 308

<210> 11515  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<400> 11515  
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 tgacttaaaa gcacagagct cgtaagagag gaggggtgggc tttgaacaca ggcagtccaa 120  
 tgtcangttg aactcttact ataattctat aatyaccgc 159

<210> 11516  
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 <212> DNA  
 <213> Homo sapiens

<400> 11516  
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 gattctagag agaagmaaac caacttggtt cccaaaagca cagcaatgaa tgagagctct 180  
 tctggaaaag ctgggaagcc tccgtgtgga gccacaaaga ggtccatcgc tgacagtga 240  
 gaatcggagg cctacaagtc cctctttacc actcacagct caagcgctcc aaggaggagt 300  
 ctgcccactg ggtcaccac acgtcttact gctt 334

<210> 11517  
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 <212> DNA  
 <213> Homo sapiens

<400> 11517  
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 ggaccagtgg ccggacctct tcattctata gacatgatga aaaaagaaat atttaccaga 180  
 aaatcagg 188

<210> 11518  
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 <213> Homo sapiens

<400> 11518  
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 aaagggccat gttcggagt tatgacaaca tcgggatoct gggaaacttt gaaaagcacc 180  
 ccaaagaact gatcaggggg cccatatggc ttcgaggttg gaaaggaat gaattgcaac 240  
 gttgtatccg aaagaggaaa atggttgga gtagaatgtt cgctgatgac ctgcacaacc 300  
 ttaataaacg catccgctat ctctacaaac actttaaccg acatgggaag tttcgataga 360  
 agagaaaagct gagaacttcg gaaaaggctc atctgtcacc ctggagaagg gaaactgtac 420  
 ttttccct 428

<210> 11519  
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 <212> DNA  
 <213> Homo sapiens

<400> 11519  
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 ggatccgata gaatathtag catt 144

<210> 11520  
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 <212> DNA  
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<400> 11520  
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 gagggctagt ggagggccag ctgcctgtgg gggctggaca tcgtattcca acaatgtctc 180  
 acccatcttg gctgccaccc aaaagcactg gtgagcccct cggccatgtg cctgcacgga 240  
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<210> 11521  
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 <212> DNA  
 <213> Homo sapiens

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 tgcc 184

<210> 11522  
 <211> 419  
 <212> DNA  
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<400> 11522  
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 gagggctagt ggagggccag ctgcctgtgg gggctggaca tcgtgtggga actttgaggc 180  
 tcagagacag agcagaagac agaacctggt cttctgattc cctgtgttct gcttttttca 240  
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<210> 11523  
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 <212> DNA  
 <213> Homo sapiens

<400> 11523  
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 cagttcaaaa ngaactatat gcctggcacc gccagcctca tcgaggacat tgacaaaaag 240  
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tttgcaaact tagtgctaca tcagaccgt

329

<210> 11524

<211> 234

<212> DNA

<213> Homo sapiens

<400> 11524

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gtccagattt	ttctctgtat	tatgtaatcc	tycatccaaa	tgtctagaaa	ccaaaagcag	120
aacaaaaagc	aaccactgtc	aatttaataa	ggccaataaa	ggttactttc	gggtgagttt	180
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<210> 11525

<211> 430

<212> DNA

<213> Homo sapiens

<400> 11525

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tccagcaatg	gcttttgcaa	atctgcggaa	agtsctcatc	agtgcacagc	tggacccttg	180
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<210> 11526

<211> 382

<212> DNA

<213> Homo sapiens

<400> 11526

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aaaataaaga	tgaagaaaga	agttagttag	taataacatc	cttcataatc	aacaagagtt	180
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agacagtttt	aatgaaaaga	gagttgcagt	ggaagctcct	atgagggagg	aatatgcaga	300
cttcaaacca	tttgagcgag	tatgggaagt	gaaagatagt	aaggaagata	gtgatatgtt	360
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<210> 11527

<211> 209

<212> DNA

<213> Homo sapiens

<400> 11527

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acggggagcc	gccttcccat	ttctgaaccc	gactgttcta	tttacaatct	ctaagcaaat	180
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<210> 11528

004220" 665T560

<211> 236  
 <212> DNA  
 <213> Homo sapiens

<400> 11528  
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 ggagtagttc actccgcgag aggccgtcca cgagaccccc gcgcgcasca tgagccccgc 180  
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<210> 11529  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

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 agcctgactg gggcaagggc tattcacgaa aagcagcagc tctagagttc ttaaaccgct 360  
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<210> 11530  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 11530  
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<210> 11531  
 <211> 478  
 <212> DNA  
 <213> Homo sapiens

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 gcgggaaaaa gcaagaatcg aggctggtac cttactatct cttgaagaat gtgggcagtg 420  
 cgttatagga tcagttcaga taagttccca attctgattg cagatagctg tagcctga 478

<210> 11532  
 <211> 174



<212> DNA

<213> Homo sapiens

<400> 11532

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aaagcagcat	gatgcagctc	atgcacctgg	agtcctttta	tgaaaaaacc	tcct	174

<210> 11533

<211> 381

<212> DNA

<213> Homo sapiens

<400> 11533

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gcactccaga	ctggcccggg	agtcaggggc	tcaggagcag	atcccagggc	aggctttgct	240
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<210> 11534

<211> 478

<212> DNA

<213> Homo sapiens

<400> 11534

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gactggagga	cgagcaaaaag	atgcttaccg	aatccggaga	tcctgaggag	gatcccctaa	180
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aataaatgtg	tggacttaat	tcaccccgat	cttcatcatc	tgggcatcag	aataannkcc	420
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<210> 11535

<211> 356

<212> DNA

<213> Homo sapiens

<400> 11535

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gactggagga	cgagcaaaaag	atgcttaccg	aatccggaga	tcctgaggag	gaggaagagg	180
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catgaagtgtt	ctgccatcat	ccaaaggggg	taagactagg	gagagacgcg	gaagtccac	300
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<210> 11536

<211> 505

<212> DNA

<213> Homo sapiens

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 aatgtgtaaa ggcccgggag cggctagagc tctgtgatga gcgtgtatcc tctcgatcac 300  
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<210> 11537  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 11537  
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 aagaggagga attagtggta agaactgtct caggtttgga aacatctcag taaaagcagg 240  
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<210> 11538  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 11538  
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 gactggagga cgagcaaaag atgcttaccg aatccggaga tcctgaggag gaggaagagg 180  
 aagaggagga attagtgggtg gcccacaaac tctttaacaa cttgaaataa atgtgtggac 240  
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<210> 11539  
 <211> 175  
 <212> DNA  
 <213> Homo sapiens

<400> 11539  
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<210> 11540  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 11540

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acaaagccca	gcccagcgga	aggaacggtt	tcggagttgt	ttttctttga	tacgggagtw	180
cctccttgct	ctcgccccct	ctctttctgg	tgtagatcg	agcaaccctc	taaaagcagt	240
ttagagtggg	aaaaaaaaa	a				261

<210> 11541  
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 <212> DNA  
 <213> Homo sapiens

<400> 11541						60
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gccgtagaat	cacatgatct	gaggaccatt	catggaagct	gctaaatagc	ctagtctggg	240
gagtcttcca	taaagttttg	catggagcaa	acaaacagga	ttaaactagg	tttggttcct	300
tcagccctct	aaaagcatag	ggcttagcct	gcaggcttcc	ttgggctttc	tctgtgtgtg	360
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<210> 11542  
 <211> 218  
 <212> DNA  
 <213> Homo sapiens

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cagagcgatg	attctgacat	ttgggatgat	acagcactga	taaaagcata	tgataaagct	218
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<210> 11543  
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 <212> DNA  
 <213> Homo sapiens

<400> 11543						60
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ataggttaata	aatatgccac	atgttcacct	tgatctctaa	ggatcacact	gagggatgcc	240
accacatat	aagcagccta	aatattctga	ggctgccata	ctttgaggaa	gcctaaagta	300
gctcatataa	agagaccctg	agactacttg	gagagagatg	cttgacctgc	ccccagttgc	350
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<210> 11544  
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 <212> DNA  
 <213> Homo sapiens

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caatagtcgg	tcttcggcgg	tgtaggtgc	gcaccaggtc	cacacttaag	cgaaatcaag	240
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acacgcctaa gtcaactcat gcagaaaaag gagaaaagtt ttggtataca aatgctctca 300  
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tatcttctaa aggcactgga caaatactgg catgaagact gcctgaagtg tgcctgctgt 420  
gactgtcgct tgggataggt gggctccacc ctgtacacta aagctaattc tatcctttgt 480  
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<210> 11545  
<211> 614  
<212> DNA  
<213> Homo sapiens

<400> 11545  
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tggtagcttc agaaatggct ttggaaggca atttgcttta aatgtagcca cctattccaa 180  
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agaggtgggc tccaccctgt acactaaagc taatcttatc ctttgctgca gagactatct 540  
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agatgggtgat gcgt 614

<210> 11546  
<211> 342  
<212> DNA  
<213> Homo sapiens

<400> 11546  
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ctggcagaag aggaangagg aggcattgaag gaatggcctc ttcagaatgg agaaaagcct 180  
tccccatgag aacatgccta agacagactg ctgaagaagg cggcaaatgg aacagcgctg 240  
aatcagcctg gtcattccag tcaagcctcc agacatgtaa gcaccctcct ctgatctgca 300  
gagctgcctg gcccaaatac tgttgaccac tcttgagtaa gc 342

<210> 11547  
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<213> Homo sapiens

<400> 11547  
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tactttttta ttgctgggtt aagatgattc agattatcct tgtactttka ggagaagttt 120  
cttatttgga gtcttttgga aacagtctta gtcttttaac ttggaaagat gaggtattaa 180  
tccccctccat tgctctccaa aagccaataa agtgattaca ccc 223

<210> 11548  
<211> 472  
<212> DNA  
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<400> 11548

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cgtatysaga	gcagtttcct	aagttacctc	aaatcctatt	cagaagaagg	ttcttccctg	360
aagttgggag	ggcggaaaac	aagtttagtc	acagaagact	actccatgtt	tgagcttctg	420
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&lt;210&gt; 11549

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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attagtggct	gttttactta	aatgatgaag	gttgttgtaa	ctttgccgca	gcgaaaccca	240
ctccttggtt	taataggcca	accttgcttc	tctcattaat	attatcttcc	tgaccccgat	298
aactatttca	gtttatgatc	ctttgcgttc	ttgttcattt	agttgtctac	ccccacca	

&lt;210&gt; 11550

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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ccgcgwgag	cgccgcgnga	agcgcagtgt	cctcaaattc	ctgcctttcc	tcaagagaag	180
agcccccagg	agaaaagcca	gtattgcttg	tgctcctaac	aacctgtctc	ttgagagggt	213
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&lt;210&gt; 11551

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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tcaaagtgat	gctgggtgtga	caatataaca	tttgaagctg	ctccaaacaa	ctttgactgt	180
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gataaaggaa	tayagttcat	tcccttsmtt	atggtgatgg	tttcataggc	atatgcatat	420
gtccaaactc	atcaacttgt	atacatcara	tatgtgcaat	ttactgtmta	tccacctymt	459
ctymataagg	tgtttaanta	ataataarrt	aacattacg			

&lt;210&gt; 11552

&lt;211&gt; 193

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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tgattaaagt gcagattaag atatattata tcaatttttg ttcaaaaatg aaatttgatt 120  
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 atttaaaaaa ata 193

<210> 11553  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 11553  
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 aaggattttg gccc 194

<210> 11554  
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 <212> DNA  
 <213> Homo sapiens

<400> 11554  
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 gattgattgg aaaggtttga gggagtactt gggaagcatg gtggcacatg atgagactgg 180  
 aggtctccta cctattaaaa ggaccatacg agtccttagat gtcaataacc agtccttcag 240  
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<210> 11555  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 11555  
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 tgggagtagc acttaatgat ctctacctga atttgactga raccaatagc aagaagaaga 180  
 ccagaagaag atgtgtctag gtaggtcaac tcctgtatat cccaccctac ccctaaagga 240  
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 cacctcagca acatatcaca tcccatctca ttctgtcccc a 341

<210> 11556  
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 <212> DNA  
 <213> Homo sapiens

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 caaaggggag ccgatagc 378

<210> 11557  
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 <212> DNA  
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 caagccatca tcaccaagag aaagtaaaag ctgaagagaa atcaccaatc tccattaatg 180  
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 aagaggctca gggagccctc acgttctttc gcttttttac ctgccaatca aactgctaca 300  
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<210> 11561  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11562  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11563  
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 <212> DNA  
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<400> 11563  
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<210> 11564  
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 <212> DNA  
 <213> Homo sapiens

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cgtgttaaag agcaaagatg agcagagaga aattgctgaa acaagagaaa cttgcagggc 300  
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 <212> DNA  
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<210> 11566  
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 aaacttttga aacttttttg acataatttc agattcccat atacctttca cccagattcc 240  
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 <212> DNA  
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 aagcctggac ttcaccactt cgcartatat ccgtgtaaca aaactgcact tgtacgcctt 240  
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339

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<211> 153

<212> DNA

<213> Homo sapiens

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<211> 116

<212> DNA

<213> Homo sapiens

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<210> 11571

<211> 140

<212> DNA

<213> Homo sapiens

<400> 11571

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<211> 388

<212> DNA

<213> Homo sapiens

<400> 11572

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tagatgaaaa caaaagcctt tctacttact accagcaatg caaaaaacaa ctagagggtca 180  
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gaaatatgca aagaaagact ttttttttaa ggaaaggaaa acctataat gacgattcat 300  
gagtgttagc tttttggcgt gttctgaatg ccaactgcct atatttgctg catttttttc 360  
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<210> 11573

<211> 356

<212> DNA

<213> Homo sapiens

<400> 11573

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accaggagcc aggagtggc tagagcccga ggggtgggaag ggggagtctg tctggctttt 180

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 aacgcggtcg ccatggaccg cccagatgag gggcctccgg ccaagrcccg ccgcctgagc 180  
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<210> 11575  
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 gcctcaagag actgcaactt agaccctgaa gtactccttc ttggaacctt gacctatgct 180  
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<210> 11577  
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<210> 11584  
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<210> 11586  
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<213> Homo sapiens

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 taaagaaaag ctgggaggta aactttcctc tgaagataag gagaccatgg aacaaaagst 180

gccrggaaaa gaggatatct cccctcaagg agctcacagt ctacttgggg agataaggca 240  
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 aataggctca tttaaagggg tacaggtaaa gtctagagca agggaggatg acttccatnn 360  
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 aggacgcgg 189

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 ggcacggaag gtggagaggg attcgtggtg aagggtccggg gcttgccctg gtcttgctcg 180  
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<210> 11607  
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 <212> DNA  
 <213> Homo sapiens

<400> 11607  
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<210> 11608  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11609  
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 <213> Homo sapiens

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<210> 11611  
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<210> 11612  
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<212> DNA  
<213> Homo sapiens

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cgggtctggcc taggatcctt ccccggtggc cctttggggc gggatggctg cggaagaaga 180  
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caaattgacc tatacagaga ttcacagga atacaaagaa ctagttgaaa agctgttaga 360  
aggttacctc aaagaaattg gaattaatga agatcaattt caagaagcat gcacttctcc 420  
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<210> 11614  
<211> 366  
<212> DNA  
<213> Homo sapiens

<400> 11614  
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aggcgcacag gaagctctta aaaggttacg tgggtcttct gtaatcatta ggtttgtagc 240  
caatacaacc aaagagagca agcaagacct gttagaaagg ttgagaaaat tggatttga 300  
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<210> 11615  
<211> 374  
<212> DNA  
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<400> 11615  
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gaagccgtgt gtgcttgaga ggatcttttt aaatgcatta tggctcatgc agcctcaca 300  
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<210> 11616  
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 <212> DNA  
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gaaccagggg	aactgaaaca	tctaagtacc	ctgaggaaaa	gaaatcaacc	gagattccct	300
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<210> 11617  
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 <212> DNA  
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aacctgggtc	ttcccccaaa	atttttttta	aaagcttctg	cctcatcaca	aaattctcca	240
ccctgccata	ctctgtggaa	ccagggactc	atagcatttg	tgggactgga	gttgatgttt	300
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<210> 11618  
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 <212> DNA  
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ccaagatgg	gaagcagatc	gagagcwang	gatgttgctt	cagagtgtga	mgtmaaatgc	185
mygcm						

<210> 11619  
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 <212> DNA  
 <213> Homo sapiens

<400> 11619						60
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tagtctttcg	tcagatttgc	ttctttgaaa	agagcaaggm	aggttaaaat	aatctgtata	240
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<210> 11620  
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004220" 666ET560

<213> Homo sapiens

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 caacgtgggt ggaatgtatc tggctcagaa ctatgatata ccaaacctgg ctaaaaaact 180  
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 aacccaaaagc ttttgtttcc gtctccagcc tcagcacttc tcttctttgc tagaccctgt 360  
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<210> 11621

<211> 180

<212> DNA

<213> Homo sapiens

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<210> 11622

<211> 629

<212> DNA

<213> Homo sapiens

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<210> 11623

<211> 201

<212> DNA

<213> Homo sapiens

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 tagtctgtag atctgttttt aaaatatatt ccgctatctt catttctaag tttcaatatt 180  
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<210> 11624

<211> 161

<212> DNA

<213> Homo sapiens

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<210> 11625

<211> 302

<212> DNA

<213> Homo sapiens

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 gggcggtgca atggcgwwga gtttgagcga gaagaatccg caggggccct ggagccggac 180  
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<210> 11626

<211> 298

<212> DNA

<213> Homo sapiens

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 aggtcaatgc atctaattta gagaaacaga ccagcaaggg caagtatttt gtaaccttcc 240  
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<210> 11627

<211> 386

<212> DNA

<213> Homo sapiens

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 cagcgtgttg gcttttccct gcaatcagtt tggagaatcg gagccccgcc caagcaagga 300  
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<210> 11628

<211> 148

<212> DNA

<213> Homo sapiens

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<210> 11629  
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<212> DNA  
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<210> 11630  
<211> 254  
<212> DNA  
<213> Homo sapiens

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caaagaggca ctgggggtgtg tgtgcagaga ggaaagggca tgaagacaca gtgagaagcc	180
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<210> 11631  
<211> 367  
<212> DNA  
<213> Homo sapiens

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<210> 11632  
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<212> DNA  
<213> Homo sapiens

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ggcagatgag gtcagagaaa ccagcagggc ccggatcaca tgaacctcat atgccactgg	300
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<210> 11633



<211> 223  
 <212> DNA  
 <213> Homo sapiens

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<210> 11634  
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 <212> DNA  
 <213> Homo sapiens

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 <211> 479  
 <212> DNA  
 <213> Homo sapiens

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<210> 11636  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11637  
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 <212> DNA  
 <213> Homo sapiens

<400> 11637  
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gcacctcttc	accaccattt	cagtttcagg	catgaccatg	tgctatgcct	gtaacaagag	420
catcacagcc	aaggaagccc	tcattctgcc	aacaacagaa	agcggccctg	ctgaakaaca	480
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ccctcgtctt	taccacgctc	ctgaggaatg	aaaggaaccc	agggaccctc	agaaggcagc	240
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 tgataggaag gcggcgctag acagcatgga ggactttctg ctctccaatg ggtaccagct 180  
 gggcaagacc attggggaag ggacctactc aaaagtcaaa gaagcatttt ccaaaaaaca 240  
 ccaaagaaaa gtggcaatta aagttataga caagata 277

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gcggggccgct gcaccaccg ccaaggacaa aaggagccca gcgctactag ctgcaccgca 360  
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<210> 11650  
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aagagaccct tccctgaagc agttgccagg tggcctcctt gccaccctct cagaaatgac 180  
caaaatatat acattcccct ctgtcctggg ccaaattctt ctaaaaggag ctctcttttt 240  
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agtatatagtg tttaaagga 319

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<212> DNA  
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catcttggtt acttactgca ttcagcagct tgcaaagggt taactatatg caaanagtc 180  
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 ggaaggaggc tgagtgacta ctggactg 448

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004220 6667550

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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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 aggctgcagg ctcttctctg tgcaggccac catggcggas tgcaggagggt gcagatcaca 180  
 gaggagaagc cactgttgcc aggacagacg cctgaggggc caaggaggct gaggtagctg 240  
 cccgaatcct cctggaccag ggacagactc actctgtgga gacaccatac ggctctgtca 300  
 ctttactgtg ctatggcacc cccaaaccca aacgc 335

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 <213> Homo sapiens

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 gcagatcaca gaggagamgc cactgttgcc aggacagacg cctgagggcg ccaagactca 240  
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 acgc 304

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 agtgcaggag gtgcagatca cagaggagaa gccactgttg ccaggacaga cgcctgaggc 180  
 ggccaaggag gctgagttag ctgcccgaat cctcctggac cagggacaga ctactctgt 240  
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 ag 302

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 <212> DNA  
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<400> 11679  
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 aggaggtgca gttagctgcc cgaatcctcc tggaccaggg acagactcac tctgtggaga 180  
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<210> 11680  
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 <212> DNA  
 <213> Homo sapiens

<400> 11680  
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 aagactcact ctgtggagac accatacggc tctgtcactt tcaactgtcta tggcaccccc 180  
 aaacccaaac gccag 196

<210> 11681  
 <211> 107  
 <212> DNA  
 <213> Homo sapiens

<400> 11681  
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 aagaaagttag gaaggacggg gcagagttag ggaccctgtt aaaggag 107

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 <212> DNA  
 <213> Homo sapiens

<400> 11682  
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<210> 11683  
 <211> 157  
 <212> DNA  
 <213> Homo sapiens

<400> 11683  
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<210> 11684  
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<212> DNA  
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<400> 11684  
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tcggggactc cgggtgaagc tggtcagccg tctgtgtcat gtggccatct tgagtctact 180  
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ggcgaagttt attcagcatc cggcaatgga cttatcgtag ttggggaaac ggggtgttccg 360  
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<210> 11685  
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<212> DNA  
<213> Homo sapiens

<400> 11685  
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atcgtagtgt gggaaacggg tggtccgaat aatatcctgg aagttatcag gacacctatt 240  
ttaaatatag gcctgaattt tgtaaagtaa tatttaagggt ggtccgtgat aattaaataa 300  
aatgcttaat tcatgt 316

<210> 11686  
<211> 508  
<212> DNA  
<213> Homo sapiens

<400> 11686  
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ccttacctaa aaggcagcgc agtcaggata ttggtaggctc gggggcggct ttggaaaccc 180  
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<210> 11687  
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<212> DNA  
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<400> 11687  
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<210> 11688  
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<400> 11688									
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gactcgggtc	taacttcgaa	aaatcagatt	gaaagaccgc	tcctgggtcc	tcttacttca				180
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<210> 11689  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 11689									
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cgacgcggag	gttaagctca	ttctgtacca	ttggacgcat	tccttcagct	ctcaaaaggt				180
gcgcttggtg	attgctgaaa	aggcattgaa	gtgcgaggaa	catgatgtaa	gtctgcctt				240
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tatccacggg	gaaacataat	ttgtgagg							328

<210> 11690  
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 <212> DNA  
 <213> Homo sapiens

<400> 11690									
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cggcgccctt	agcgacacca	tggcccga	tgcagaaaag	gccatgacgg	ccttagcaag				180
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<210> 11691  
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 <212> DNA  
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<400> 11691									
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gcagttggta	ctgcacaaaa	ggccattagt	gaatttattt	aaaaggggga	ccaaaatttt				180
agagtaatag	tggaaggggt	agggtttgat	taggatgcta	gcttgaataa	ctaaaagcta				240
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<210> 11692  
 <211> 499

<212> DNA  
<213> Homo sapiens

<400> 11692  
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tggagaggca ggaacgcagc gtctatgaag actggcccat ttgcagagca ctccaaccag 180  
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ctagagcata aggtcagc 499

<210> 11693  
<211> 196  
<212> DNA  
<213> Homo sapiens

<400> 11693  
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gaaggacatg ttcaagctgc ttatgttccc cgagagccgt attttccagg ccgaaaatgc 120  
taaaatcaaa cgagagtggc tggaagtgct ggaggacacc aagaggggcc tcagtgagaa 180  
aaggcgaagg gagcag 196

<210> 11694  
<211> 368  
<212> DNA  
<213> Homo sapiens

<400> 11694  
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gacacatttg cttctccctt tgaagaacca gttacaaagc gtgatgtcct ctctggggtc 300  
ccatcagaac aaagaaacag gtctaaagac cctcattcca gagagcatcc tgccccatat 360  
tcagaatg 368

<210> 11695  
<211> 231  
<212> DNA  
<213> Homo sapiens

<400> 11695  
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acaaaagtgt agcacaaga taagattaaa tttagcaaca cagaatgata aagaataaaa 120  
aagatactga gtaaaccttt ttgacagaaa actgattatc caaggtaatt atctcatatt 180  
tgcaggctaa agtacttaca cagaaaccaa agtccacctc cagattctac t 231

<210> 11696  
<211> 590  
<212> DNA  
<213> Homo sapiens

<400> 11696  
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 ccagcagctg gcgcaggcca ccggcaagcc ccttatcaag gagcaatgga taatcaagaa 240  
 aagtctataa catttaagag aatagccaag atacagtatc agagctcaaa atcaattttc 300  
 tgtgtattca cttctaaaca ttaatgtgaa atcaaggagc aatggataat caagaaaagt 360  
 ctataacatt taagagatag ccaagatata gtatcagaa 399

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 <212> DNA  
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 tagttttgta taagtacnct ctgtgatgtt ccacaatgac agaactgcct aaggacacat 180  
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 <212> DNA  
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 <211> 251  
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 <212> DNA  
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 aaagtcatca agagttcata taactagacc tgtcttggag caatttttat cttttgcaaa 180  
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 tctcggctca ccgcaatctc cgctccctg gttcagccca ttctcctccg tcagcskccc 360  
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 <213> Homo sapiens

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 cccaggctgg agagcaatgg cgcatctcg gctcacgcga atctccgcct ccctgggttca 360  
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<210> 11707  
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 <212> DNA  
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<210> 11708  
 <211> 133  
 <212> DNA  
 <213> Homo sapiens

<400> 11708  
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[illegible]

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4953

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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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tatgctttta atgaaaag 198

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<212> DNA  
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<210> 11718  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11719  
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 <212> DNA  
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<400> 11719  
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 tgttgactcc gtgttctatg agcttctggc agtcacttag tggtttaatg gtctgttyaa 180  
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<210> 11720  
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 <212> DNA  
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<400> 11720  
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 ttttgtatag gtccgggaaa ataagcctaa acaaatagtt gtagccttag aaaaactgtt 420  
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<210> 11721  
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caaagtccac caaaaaatgt agtgnaacca aaggagaggg gcaagctcct agccacccag 240  
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<212> DNA  
<213> Homo sapiens

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ggtttttaat gtaattgcac tctggttaat tggctcgtac caagccctgc cttatgactt 300  
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atcagtgcata tgagatggac agataagtgt gaatgtttta tacagaaaat ggaaatgata 420  
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<212> DNA  
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<400> 11723  
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tgctgccaaa ttgaaaagggt ttaccattcc atcaaataca atatctgtga atggaagggtc 180  
aagactcagc cattccatgt cccctgatgc ccaggacggc cattaaatgt taccctgcca 240  
caccact 247

<210> 11724  
<211> 441  
<212> DNA  
<213> Homo sapiens

<400> 11724  
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aagtgacaac agtttgccaa tcgcagtctt taatctgata aagcggttat ctgctcttga 180  
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tgcctctgat ccaagcagag aagaactcct gtagcctgta ataccagctg tgggtactac 360  
tctcagtgtt ggagatcatc aaaatacaat tggaccagac ctttggaaat aattctgtgt 420  
ctcaaatgcc ctgtggagca c 441

<210> 11725  
<211> 239  
<212> DNA  
<213> Homo sapiens

<400> 11725  
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aagagacctt gaaaataaaa caatgtcatt ttgtatgttt acaaaagaca aagcagtctt 180

tccactataa accaagtaga ggaaaaaagc aattgaacta atggatatctt tatcaccgc 239

<210> 11726  
<211> 355  
<212> DNA  
<213> Homo sapiens

<400> 11726  
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aacgggtaca aacgagtcct ggccttgctt gtggagacgg attacacctt cccacttgct 180  
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gctgccacca cagctgctcc tgctgctgct gcagccccag ctaagggtga agccaaggaa 300  
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<210> 11727  
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<212> DNA  
<213> Homo sapiens

<400> 11727  
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gtttttgggtg cgggggtggga aggatggaag gccttggatt tatattgcac ttcataagacc 180  
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<210> 11728  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 11728  
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tgctttatcc taaccttggt aaaaaatagt tggtttggtt ttttggttct tgtctacca 120  
aactgggaat attgtcagat taccattctt ccaaggagtg gggtagattt acattaaggg 180  
gtccagttac attaatgctga tgtaggcttg atgtcatttg acatcaaggc ctttagaatt 240  
tttctacagc aggaagcaca gtgaactttc ctaaaagggtc aggatgtgac aatgggaagg 300  
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<210> 11729  
<211> 179  
<212> DNA  
<213> Homo sapiens

<400> 11729  
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cactgcatag cctggcactc aagacccctt aatcccagtc tcccttgaat taccgccca 179

<210> 11730

<211> 222  
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<400> 11730  
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 cgccccgag cagccgaggt gcgtggggga aggggaagaa ggaaaaggtc cgggtcgcgt 180  
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<210> 11731  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 11731  
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 ttcaaggagg accactcgt ggaacacaga tgcgtggagt ccgcaagat tcgagcgaaa 180  
 tatcccgaca gggtccggtg attgtggaaa aggtctcagg ctctcagatt gttgacat 238

<210> 11732  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<400> 11732  
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 gagtacattg agataatcac cagcagcatc aagaaaatcg cagactttct caactcgttc 180  
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 cttcagctcc ttcctttctc cttaaagagc aacagggtct attcttgttt ttcttttttc 420  
 aaaagtgtgg cctttgggct ctgccatctg kggtgtggtg tggwatgtgg gaagaa 476

<210> 11733  
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 <212> DNA  
 <213> Homo sapiens

<400> 11733  
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 gagtacattg agataatcac cagcagcatc aagaaaatcg cagactttct caactcgttc 180  
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<210> 11734  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 11734  
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ggccatgggc	gcttgagtga	gcagcaggtg	gacaggatca	tcctccagct	gaaccgttac	180
taccacaga	tccttaccaa	caaggaggcg	gaaaagggtg	tgaggagttc	cggaacccca	240
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<210> 11735

<211> 244

<212> DNA

<213> Homo sapiens

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aagggtgctgt	gcctgaggaa	caataccatt	tttaagcaag	ccttttctct	cttaagggtg	240
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<210> 11736

<211> 384

<212> DNA

<213> Homo sapiens

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tggtgttag	ggagctaaac	agtgagtaca	catggtatat	ggatacggaa	tggaataata	240
gacattggag	acttcaaaaag	gtgggagatg	aaagggggat	gaggtatgaa	atcctacctg	300
ttgagtacaa	tgtacactac	ttacgtgcac	agtacactgt	ttgggtgaga	ggcacactaa	360
aagcccgagc	ctcaccgcta	cccagtatgt	tcattgtaaca	cagctgcact	tgtacccctt	384
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<210> 11737

<211> 220

<212> DNA

<213> Homo sapiens

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tggtatatcg	tgactaacgc	ttagaatgc	ctgtctttga	gaggaagggt	ttataatatt	180
aatgaacagt	gccaataata	ctgtgcatat	ctgcaattta	atctttgaat	gtatgttact	220
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<210> 11738

<211> 390

<212> DNA

<213> Homo sapiens

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gcaagaatga	aatgaatgat	tctacagcta	ggacttaacc	ttgaaatgga	aagtcttgca	300
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390

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<212> DNA  
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<210> 11740  
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<212> DNA  
<213> Homo sapiens

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cgaacaccac ataaatgagc atattctgat gtactctttg gatctgaact catcttcaca 180  
g 181

<210> 11741  
<211> 492  
<212> DNA  
<213> Homo sapiens

<400> 11741  
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<210> 11742  
<211> 399  
<212> DNA  
<213> Homo sapiens

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acagaaatat gtrgattgtg aacatcaagt gacatatcat gaattgatca tccacaaaat 360  
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<210> 11743  
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 <212> DNA  
 <213> Homo sapiens

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 gtgatttgaa atacaataaa tgaaggcaat gcatggcctt ccaataaaaa atatttgaag 420  
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<210> 11744  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11745  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 11745  
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 tctactatga ctatgagacc gttcgcaatg ggggcctgat cttecgctgga ctggccttca 180  
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<210> 11746  
 <211> 203  
 <212> DNA  
 <213> Homo sapiens

<400> 11746  
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<210> 11747  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

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 gcagggtacc tgaaagagcc ttctgggagt tagtgaacta ggtagattgt tttgttcaca 180  
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<210> 11748  
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 <212> DNA  
 <213> Homo sapiens

<400> 11748  
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<210> 11751  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

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<210> 11752  
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 <212> DNA  
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<400> 11755  
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<210> 11757  
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<210> 11758  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens

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<210> 11759  
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 <213> Homo sapiens

<400> 11759  
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<210> 11760  
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 <212> DNA  
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<400> 11760  
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 cctccggaga agccacggaa acatgacagc ggtgcggcgg acttggargc cgctccagct 180  
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<210> 11761  
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 <213> Homo sapiens

<400> 11761  
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 aawtttgga tgagagaaac aggaacaaaa gaatgccgaa aagatgaaaa caga 174

<210> 11762  
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 <212> DNA  
 <213> Homo sapiens

<400> 11762  
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 gtatagtaag gagaaagtct gggtgcactt tgaagagctt gaagatttga aagattccca 240  
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 agtctgaaac tttagacatc aaaagtttga gcagtttttc caaggcaaca ttgatagtta 360  
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<210> 11763  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 11763  
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 atccgaaaag tcaggactcc cagactcagt cctcacact tctccgccgc cctacaatgc 180  
 ccctcagcct ccagccgaac cccagcccc accgccacag gcagcccctt cctcacacca 240  
 tcaccaccac caccactacc atcagtctgg caccgccacc ct 282

<210> 11764

<211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 11764  
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 ctctgagat gaaaagtcag tggacagctg tctgggtgaa aatctcttcc agttggattg 240  
 gcatcgtgct gtatgtttgg aactcgtgg caccacttgt tcttaccat cgtgattttg 300  
 actgagtgag acttctagca tgaaagtccc actttgatta ttgcttattt gaaaayagta 360  
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<210> 11765  
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 <212> DNA  
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<400> 11765  
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 gggtgcagtg actggtggcc gcaagccctt ccctggggag tacctgatgg ctgccctttg 180  
 acccccggtg gctgcccttt gaccccggtg tgtgctctca gcgcaagtgg tccctagaaca 240  
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<210> 11766  
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 <212> DNA  
 <213> Homo sapiens

<400> 11766  
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<210> 11767  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

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 cttattgctg catgatgtaa gcaaaagtca ttatttttcc tattcatttg aaataagtta 240  
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<210> 11768  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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acgangcttg	gaagttgcag	nargmtggag	tgcaatggcg	ccatctcgtc	tcactgcaac				240
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cgaagcttg	aagttgcaga	agrttgagg	gcagtggcg	ggctctcggt	gactgcgacc				240
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<210> 11771  
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 <212> DNA  
 <213> Homo sapiens

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cttgcaatcc	agtsacataa	gtataataaa	gaaatatgg	tcctcatgga	agaagagcaa				180
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<210> 11772  
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 <212> DNA  
 <213> Homo sapiens

<400> 11772

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aactta						426

&lt;210&gt; 11773

&lt;211&gt; 172

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11773

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&lt;210&gt; 11774

&lt;211&gt; 363

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11774

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caggctcgctc	aggcttgcat	atgggtcaag	ggttgtggag	agtggtcaga	aaccagcagc	300
tgcaacaaga	aggctacagt	gagcaaggct	acctcaccag	agagcagagc	aggagaatgg	360
ctg						363

&lt;210&gt; 11775

&lt;211&gt; 127

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11775

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acatcca						127

&lt;210&gt; 11776

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11776

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<212> DNA  
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<400> 11777  
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agtctcaact taatttgaga ctgtkactca gaacacgcct tgcgtcacgg 170

<210> 11778  
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<212> DNA  
<213> Homo sapiens

<400> 11778  
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gatgttctaa tataactgaa caaaagtctg gctgctcact gcttgaggac caaaaca 177

<210> 11779  
<211> 355  
<212> DNA  
<213> Homo sapiens

<400> 11779  
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<210> 11780  
<211> 170  
<212> DNA  
<213> Homo sapiens

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<210> 11781  
<211> 370  
<212> DNA  
<213> Homo sapiens

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 <212> DNA  
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caccgggttc	tttgaagtga	tggtagccgg	gaagttgatt	cactcttggtg	gttaaaacta	360
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<212> DNA  
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<400> 11786  
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<210> 11787  
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<210> 11788  
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<212> DNA  
<213> Homo sapiens

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<210> 11789  
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<212> DNA  
<213> Homo sapiens

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<210> 11790  
<211> 301  
<212> DNA

<213> Homo sapiens

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<210> 11791

<211> 358

<212> DNA

<213> Homo sapiens

<400> 11791  
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 agcagcgact ggcccaaatac agagaggaaa agaasmsma agaagaasma aggmaaaaaa 240  
 aagaaaacaga ccagcaagaa gsmagctgtt gctcctgtgc aagaagaatc agatcttgaa 300  
 aaaaaaaggm gagaagctga agcattgctt caaagcatgg ggctnmctcc agaatccc 358

<210> 11792

<211> 189

<212> DNA

<213> Homo sapiens

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 ttgttgagaa atttttgtga ttagaatatg aaggaaaaar ctttgttggg aaaagtgaca 180  
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<210> 11793

<211> 320

<212> DNA

<213> Homo sapiens

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 cgtctggaat aatgggtact ctttctcgt ggaatttgaa gattctacag ataatcagc 300  
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<210> 11794

<211> 404

<212> DNA

<213> Homo sapiens

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gcgcgcccc	ggaggatgag	gccactctgg	gccagtgcgg	ggtggaggcc	ctgactaccc	300
tggaagttagc	aggcgcgatg	cttgagggta	aagtccatgg	ttccctggcc	cgtgctggaa	360
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<400> 11798  
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<210> 11800  
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 <212> DNA  
 <213> Homo sapiens

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 gcatcagtgg tttatatagg ctttaaaaaac atgttatctt acagtcyttt aaagcagcca 180  
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<210> 11801  
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 <212> DNA  
 <213> Homo sapiens

<400> 11801  
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<210> 11802  
 <211> 217  
 <212> DNA  
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<400> 11802  
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<210> 11803  
 <211> 328  
 <212> DNA  
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<400> 11803  
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 gaagttgaag gaacatcctc acgaatctat tgattactgt ggctcctgat gctttcaaac 180  
 aaccctaaag tcaccaggca gctcctatgt aaggcagtaa ggacactcct tcatttatta 240  
 aatgtatgat tcttctgcct cgctccacaa aggattggca gggatgggct acaagggtctg 300  
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<210> 11804  
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 <212> DNA  
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<400> 11804  
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<210> 11805  
 <211> 357  
 <212> DNA  
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<210> 11806  
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 <212> DNA  
 <213> Homo sapiens

<400> 11806  
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 aggaacaggt gagngcwcac atgacaragg ccttctcatg ggagtcctat ggcaactgaa 180  
 gcatgatgag cttctgttct aatgttatgc cttctaccag gggatatgtca tgtccccagg 240  
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<210> 11807  
 <211> 299

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<212> DNA  
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<210> 11808  
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<212> DNA  
<213> Homo sapiens

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acgattcaag	agggattggc	atcaaagttc	acttctttaa	caaaagtgc	ttatgacttt					180
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<210> 11809  
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acaaaagtgg	aacagctttg	ttcaggagcg	gcctattgcc	aattcatgga	catgctcttc					420
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<212> DNA  
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<210> 11811  
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<212> DNA  
<213> Homo sapiens

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 gacc 244

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 <212> DNA  
 <213> Homo sapiens

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 ttagag 306

<210> 11813  
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<210> 11814  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

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<210> 11815  
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 <212> DNA  
 <213> Homo sapiens

<400> 11815

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<210> 11816

<211> 251

<212> DNA

<213> Homo sapiens

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ttgattattg	tagcaaaagt	gtgaaatttt	gatgatggct	ttactgtacc	ctttgggtctg	240
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<210> 11817

<211> 128

<212> DNA

<213> Homo sapiens

<400> 11817						60
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<210> 11818

<211> 358

<212> DNA

<213> Homo sapiens

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<210> 11819

<211> 252

<212> DNA

<213> Homo sapiens

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252

<210> 11820  
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<212> DNA  
<213> Homo sapiens

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gagttcttct gaaatctggg tgcttaaaag tgtgtagcac ctctccacac caccgcttg 180  
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<210> 11821  
<211> 85  
<212> DNA  
<213> Homo sapiens

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acatcacttt ttaaaattca ccagc 85

<210> 11822  
<211> 371  
<212> DNA  
<213> Homo sapiens

<400> 11822  
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gacacagcaa ggctttccta catwagttat aataatgtgg gaatgatttg gttttaatta 180  
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<211> 371  
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<212> DNA  
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 caatgatggc aatgccattc ttcgagagat tcaagtccag catccagcgg ccaagtccat 360  
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 <213> Homo sapiens

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 cctcaacc 428

<210> 11826  
 <211> 97  
 <212> DNA  
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 tttctttcta agtaaagtat ttccagtcac ctaaaag 97

<210> 11827  
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 <212> DNA  
 <213> Homo sapiens

<400> 11827  
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<210> 11828  
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 <212> DNA  
 <213> Homo sapiens

<400> 11828  
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 ctcaattgaa acatcattc aatggagaca aagagaacta atgctttgtg ctgattcata 180

tttgaatcga ggcattggga accctgtatg ccttgtttgt ggaaagaacc agtgacacca 240  
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<210> 11829  
<211> 116  
<212> DNA  
<213> Homo sapiens

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ataatcagga yggagtgggt gccagccagc ctgctcgtgt agtggacgaa cgggag 116

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<212> DNA  
<213> Homo sapiens

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cctgcagagg cccggagaac acaaccctcc cgagaagccc aggtccagag ccaaaccgct 180  
cactgacccc ccagcccagg cgcacagcca ctccccaccg ctaccatggc cgaagacggg 240  
gttggtctct gaacctgggc tgagatggat tcggggagag gctgggtgga gcttggcctc 300  
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aaaag 425

<210> 11831  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 11831  
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aatccagaga gtttcaagga aaagtctgt cgcaagaccc gcgagaaccc ggtggtacct 240  
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aagtagagaa ggaccaga 318

<210> 11832  
<211> 350  
<212> DNA  
<213> Homo sapiens

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atctctgtgg cagcctcacc cgtcactct cttgaacaac cttgtgtcct acttcataga 180  
aaagttgaca ctaaaaggaaa cagctgcgtg agccttgctg ctgaatttgt gcaggaaggc 240  
gctgaggaca ccataccctg tgttacgcag ggacgtcact gccataattg gcatccctgt 300  
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<210> 11833

<211> 174  
 <212> DNA  
 <213> Homo sapiens

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 cctttgggag aggaaagtga tgtgacaaaa gttggaaatc aaagcagtca tggc 174

<210> 11834  
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 <212> DNA  
 <213> Homo sapiens

<400> 11834  
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 gcacttctgg cctaacgctg ccgtcatcct acccctcacc ccagggaac ccaggctgga 180  
 catttagtgc ct 192

<210> 11835  
 <211> 308  
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<400> 11835  
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 aagccacgc gatccaagt cctgacagg tttgggtccan gggaaaagt ggtctctgca 180  
 gatgactgta aatgactacc tggagggtcga ttaaagtgcg gtactgcggg attcagccga 240  
 tttccttctt cctctgactg cccggaaaata tcagccaaag gccagcggtg gtaattaaca 300  
 caattacc 308

<210> 11836  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<400> 11836  
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 gactatgtcc tgagaagaaa gagtgatcgt tattggttga aaagttggtg gggtcgggct 180  
 taagcggagg aggggggctct ctggccctta ctcggcagat gggcccggag agaggacggg 240  
 aggtgccggg agaacatcga ggg 263

<210> 11837  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 11837  
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 agtccaccag attactgatg agtctctgga aagtacagg agaatcctgg gtttagccat 180



tgagtctcag	gatgcaggaa	tcaagaccat	cactatgctg	gatgaacaaa	aggaacaact	240
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tttaacagaa	ctcaacaaaa	tgctgtggcc	tttgtgtctg	cccatgtaat	agaacaagaa	360
ctttgagtct	ggcaggctta	taagacaaca	tggggagatg	gtggagaaac	tcacct	416

<210> 11838  
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 <212> DNA  
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ggtgcagttt	cgagggtaaa	gcctttggcg	cggtgatgtg	gacttttggt	ctctaactac	180
naactcccag	catacgtcac	ccctcacgtg	ggcgctaggt	gtgggttcgt	gggatagggt	240
caccagtga	aagttgtgca	gagcccaaca	tgagcttcat	ttccaagctg	ccacctatct	262
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<210> 11839  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

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atgaagatga	tgatgaagat	gatgaggagg	aggaagaaga	ggaggaggaa	gagcctgtca	190
aagaagcacc						

<210> 11840  
 <211> 273  
 <212> DNA  
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<400> 11840						60
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ctgggtcctg	cctggaatct	taaaagttta	attgctctgt	cacataaggt	agcagataca	240
ttgtcctgtt	aaaatataat	taaggcctta	ttttttagac	aggagaagac	ctgggttctgt	273
gggagttgtg	acagaatagc	ctttattgcc	tga			

<210> 11841  
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 <212> DNA  
 <213> Homo sapiens

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ccttatggga	gaccaacctt	gtgcctcccg	gagatccact	ctcccacctg	gaaacgcacg	240
ggaagccaag	cctccaaaaa	agcgctgcct	cctcgtctcc	cggtgggatt	atccggaagg	300
aactcccaac	ggaggtagta	ccactctacc	ctccgcacct	cctcctgcat	cagccggcct	360
gaagtgcgac	cctcctcctc	cggagaagta	gagaaataaa	tttctccac	cctaaaccag	420
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<210> 11842  
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 <212> DNA  
 <213> Homo sapiens

<400> 11842  
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 ttataaaatc ttttgaaata actagscntt tgaatttkgt tnatckatat tttgttgatt 180  
 tattctctaa tttctgcc 198

<210> 11843  
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 <212> DNA  
 <213> Homo sapiens

<400> 11843  
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 ccaatctgtc aatagactat caaaagtttt agcaagacag aattgtcctt ttgaaaatct 120  
 tataccacat ccctagacac aaggagaatt actttgttca agttgtcacc ttgtgacata 180  
 aacttaaaac tgccttcgcc acagtggtaa cagtc 215

<210> 11844  
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 <212> DNA  
 <213> Homo sapiens

<400> 11844  
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 gaattggtga ttttgggcca aggtcctggt gcttgatggt cgaggccatc tcctgggccc 120  
 cctggcggcc atcgtggcta aacagggtact gctgggcccgg aagggtggtg tcgtacgctg 180  
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 ccgcaagcgg atgaacacca acccttcccc aggccctac cacttccggg ccccagccg 300  
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<210> 11845  
 <211> 432  
 <212> DNA  
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<400> 11845  
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 ccgagtgcac ctgttgacc gtgcgaggag aagaaaaaaa atatcgcca gaggagagga 180  
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 aagtgttagg cgcgtccgtg cgaagagacc accaaacagg ctttgtgttc cttatcacag 300  
 gaagaaaatt ttccttgacc tttaggtgct tttatattca tctcaaaaac aaaattctga 360  
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 acccagttac tt 432

<210> 11846  
 <211> 303  
 <212> DNA

<213> Homo sapiens

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ccgagtgcac ctgttggacc gtgcgaggag aagaaaaaaa atatcggcca gaggagagga 180  
actaaccgaa cattcttcct ccctacctta tagaggggag tggatcatcta cactaaagca 240  
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tcg 303

<210> 11847

<211> 214

<212> DNA

<213> Homo sapiens

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<210> 11848

<211> 329

<212> DNA

<213> Homo sapiens

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ccccgattat actcatgagg aaactgaggc acagagaggt tggtatttgc ccaagggtata 180  
ctaggaatag ggccagggtta caaccccaga tacctgggag tatacatttg agagagctct 240  
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<210> 11849

<211> 319

<212> DNA

<213> Homo sapiens

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<210> 11850

<211> 211

<212> DNA

<213> Homo sapiens

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tctaattttg ggtcttgat ctggtcttta aacacctttc gttacccttt ggaatagaac 180  
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<210> 11851  
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<212> DNA  
<213> Homo sapiens

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agaatgaaga tatagagaaa gaagttaagg aagaaattga ccccg 166

<210> 11852  
<211> 319  
<212> DNA  
<213> Homo sapiens

<400> 11852  
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<212> DNA  
<213> Homo sapiens

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aaaaaaaaattt acaaaaaatc cgcgtctccc ccgccggaga cttttatttt ttttcttcct 180  
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<210> 11854  
<211> 194  
<212> DNA  
<213> Homo sapiens

<400> 11854  
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<210> 11855  
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<212> DNA

<213> Homo sapiens

<400> 11855  
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<210> 11856

<211> 238

<212> DNA

<213> Homo sapiens

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tcagaacaag ggacactcaa actaccagag aaacggacca atggactgag aagaactcct 180  
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<210> 11857

<211> 342

<212> DNA

<213> Homo sapiens

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<210> 11858

<211> 410

<212> DNA

<213> Homo sapiens

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<210> 11859

<211> 378

<212> DNA

<213> Homo sapiens

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<210> 11860  
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 <212> DNA  
 <213> Homo sapiens

<400> 11860						60
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ggggaaaata	aggcagataa	aggagcgggg	agagaaatta	attgccaacc	aggaggagtt	240
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<210> 11861  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<400> 11861						60
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acagacttaa	aggcaacaga	taaagakgtg	gagatgtgtg	tttgtcaaat	agatgacctt	240
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<210> 11862  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 11862						60
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aaggggctgt	gctatgagag	gggctgaaaa	taagggcggt	ggggaaatag	agtgagccgg	240
tcagataggc	gggtgggggtg	ggcaagtggg	atacttgggg	ttgagatgat	gcagaggttg	300
cagccactgg	taaggatgag	gtctaggggtg	tgaccttgag	aggatgggtc	gcacagtcac	352
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<210> 11863  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 11863						60
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cagattttaga	aataacattt	ttgaaataat	gttttgatct	catcaccttt	cttaaattaa	240
tttctgtatt	ttaaagccaa	gcacattaac	tgtaaaataa	taggtactaa	ttgttaattc	300
tttcttgaca	atggttataa	catgttattg	gggtgcaacgc	cctcaagtta	aaagtacacc	333
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<210> 11864  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 11864  
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 acaaaaaaca aaaaaaactt aaaattcttt gcttggttagt gaccttgatc atgggttctct 120  
 ttgtacgata gttgggcatc tgtatttcca cttgtgtgaa tttgccttta aattttgggtt 180  
 atgggtttca ctttttaaaa taatcaaaca tatttatctt ttcctgtgtg atagggtttt 240  
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<210> 11865  
 <211> 467  
 <212> DNA  
 <213> Homo sapiens

<400> 11865  
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 ctttgaaagt gttaagtgat tccttcgtta ttatttatgc atgttcatga acttctgctg 180  
 tacattggaa taggagttaa cacattcaca tttactgtct attttcttgt gtgccttatg 240  
 agatggcttt tctgactgta tctcaatagt ctttctttct atgcagggtt ataatcagta 300  
 caactactgt tttctaaaat actactactc aaggctcgga gtttgtattt aanttacact 360  
 gaccaagtac aatgtattcc atttcaggaa ctgaatattt gactgtnaac ctttttccca 420  
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<210> 11866  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 11866  
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 tataaaataa tgactttgaa gagatggtaa tatttctatt gaacatatta atggaccact 120  
 gctatcatgt agtttttaat ttagaaggct caatttttagt ttttattaga aagaatattg 180  
 tttagtatca aatgactatt aaaagtatat agtgcaataa aaagaaagac gtgaaggaat 240  
 gtggaaacat taaaacaaaa tcgaacc 267

<210> 11867  
 <211> 82  
 <212> DNA  
 <213> Homo sapiens

<400> 11867  
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 ttctattgaa attaattttg cc 82

<210> 11868  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 11868  
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 cgcrtcggga ccggacccgc agcttggygt caccatgggc ttcacggggt tcgggggttcg 180  
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 ggccatcgac tggctcatca caacaaggaa ggctgtgcac cactgggacc cagcagcagc 360  
 tcagcagcag cag 373

<210> 11869  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<400> 11869  
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 agttacaaat atacttaaat atactttaac ttattataga aggtttacaa aaactgtgga 180  
 taaataacat atatttatct tagttaatga ataactgatg ctgaaaataa tgtgaatgtc 240  
 aaattagttc tctttttttc tag 263

<210> 11870  
 <211> 249  
 <212> DNA  
 <213> Homo sapiens

<400> 11870  
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 tctactatgg aatttggcc ctgaaataga ctctgggtca cagccacttc ttgtacaaaa 120  
 tggcagggtg ttaccaaaca cctaaaattg actgggtctc tgttttaact ctttggtgtg 180  
 ttaaaataat tctcatgttc acaagaggag ggggaggtaa aatggttatg aataatgta 240  
 atgttgaga 249

<210> 11871  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 11871  
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 aatgacatga aaataattgt gaaatatgga attatttctg acacatgaag cccactaaac 120  
 tatgctttct tataatgcat atttcttctc agtttaaatg tatgtaaata tcgaagctat 180  
 atggtatgat ttataaagat aaatgggcca aagtgtacat tgagactggc agccatctat 240  
 ggtaccactg aaaccctgac ccagaaaagt ggcttgcttg gacaccagc tgcctttgtt 300  
 tctgcattaa accaatattg atcacacata tgacacaggc tag 343

<210> 11872  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<400> 11872  
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actgctcaaa	ctttagtttg	ggaggggtaca	gaagtgcagg	atgaaaataa	tttttctaga	180
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cctttatctg	agacgtgttc	tttctctttg	gaagtgttcc	ttttttttgt	tggtgttttt	300
tgtttttcga	ggcagagtct	cgtctgtttt	cccaggctgg	agtgcagtgg	tgtgatctct	360
gctcactgca	agctccgcct	cctgggttca	tgccattctc	ctgcctcagc	ctcctgagta	420
gctgggacta	caggtgcctg	csaccacgcc	cggctaattt	ttttagaga	cgggg	475

<210> 11873  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<400> 11873	
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tggcaaaata	caaccagatg
agaagccaaa	caagaaaacg
aatatcagaa	gtctcagccc
tcacacagt	agccagcttc
acctgtttac	ttaaagcagtg
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aaagaaaaag	gag
gagataagtt	60
atgttgaaga	120
gggaagaggc	180
aagctgtgtc	240
	283

<210> 11874  
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 <212> DNA  
 <213> Homo sapiens

<400> 11874	
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tttatttcat	cacgaaaata
ctacctataa	accaatctat
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cttcactctc	tgaacactcc
	207
actgccttcc	ccaaattcac
aatgctgtac	120
	180
	207

<210> 11875  
 <211> 472  
 <212> DNA  
 <213> Homo sapiens

<400> 11875	
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acagttcagc	cttttctect
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tgcccactca	gatctcttct
tttttatgct	actccttgta
acttttgga	tgtgtacccc
agtgaacctc	aaaagtgtta
tgtacatggc	tgtaaattat
atctagggac	cccctttgga
catttcctaa	gaatataggt
aatacaatgt	acaaactttc
cccatthaacc	tacacactga
ctcagttttt	gtgtttataa
cctatcagtc	atagctaaat
ggtttggtat	cttgcattha
tgttatctag	ct
	472
atctagggac	cccctttgga
catttcctaa	gaatataggt
aatacaatgt	acaaactttc
cccatthaacc	tacacactga
ctcagttttt	gtgtttataa
cctatcagtc	atagctaaat
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<210> 11876  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 11876	
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ttaaataacac	60
aaaattcaga	120
ttaaagagagc	180
tttgattaag	taaaaaaatc
tgtatgcaat	ctactctcaa
acagtacaca	caaacataca

aantgataag gcaaataagg taacatttaa caataatctg atacacataa atagagaa

238

<210> 11877

<211> 215

<212> DNA

<213> Homo sapiens

<400> 11877

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atgctgcttt	aaatggctga	tcctcaatgc	ttcccttcta	actcacaggc	ccgctccctt	120
acatcaatct	cacagaaaaa	gggacctctt	attcattttt	ttgttttgca	gagacaggct	180
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<210> 11878

<211> 293

<212> DNA

<213> Homo sapiens

<400> 11878

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gttctacttc	tccggttttg	acaccctccg	taggccagtt	tcttttagaga	acattcttag	180
acttttactg	ctagcagttc	tgttcaggtg	agggagaaaa	gggcatgggtg	gagagaaagg	240
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<210> 11879

<211> 141

<212> DNA

<213> Homo sapiens

<400> 11879

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<210> 11880

<211> 326

<212> DNA

<213> Homo sapiens

<400> 11880

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gtttttcacc	tactaggacg	ggggtgggg	ggggagaaca	ggtgtccttc	taaaatacag	120
cacaagctac	agcctgcgtc	cagccataac	ccaggagtaa	catcagaaac	aggtgagaat	180
gaccacttta	actcaccggg	cccgtcgcac	tgaaataagc	aaganctctg	aaaagaagat	240
ggaaagttag	gaagacagta	attggggagan	aagtccagac	aatgawgatt	ctggagactc	300
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<210> 11881

<211> 372

<212> DNA

<213> Homo sapiens

<400> 11881

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tgaagagtct	gcagaaaaac	agcaaaaatc	atggtacact	ctcctataaaa	accagccagt	360
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&lt;210&gt; 11882

&lt;211&gt; 322

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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tttcacccat	ctgtttcttc	ttggctaate	tctgtacttc	tgctttttaa	ttactggggc	322
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&lt;210&gt; 11883

&lt;211&gt; 238

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11883						60
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agctggacta	ctagctattg	tatgctggag	aaaatacagt	ttatgggtaca	atgatctaata	238
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&lt;210&gt; 11884

&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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gggtgacttgt	cagacgctgc	ataggtggtc	agcattatgg	tcntcatccc	tccatcaacc	360
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&lt;210&gt; 11885

&lt;211&gt; 341

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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aatatttttag	gctgttgcca	aaatggttca	acagtgtgtg	acttatgttg	aggaaatcac	180
agaccttcct	atcaaacctc	gattaattga	tactctacga	atggttaccg	aagcaagatt	240
tatgttgaaa	ttgagcgtgc	gcgactgact	aaaacattag	caactcnaaa	agaacaaaat	300
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<210> 11886  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<400> 11886						60
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cccgtgacct	ggggatcgct	acggacctta	aaatacccg	aacascctct	tcgtsccaag	240
ctggagagca	gtggcatgat	ctcggctcac	tcagctttct	acttcctggc	ctcaagcagt	286
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<210> 11887  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 11887						60
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ggaaaagatc	acagcgtgct	cgcgtcagtt	tccgtctacc	tggactaaac	atttgcttcg	240
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gtcagactag	agtacagtgc	catgatctcc	gtcactgca	gcctcaacct	cctggggtca	416
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<210> 11888  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 11888						60
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agaaataact	taacaatttt	gcagagatac	atgtcttcca	aaataccagc	tgttacttat	360
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<210> 11889  
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 <212> DNA  
 <213> Homo sapiens

<400> 11889						60
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ttgttactgg	agtaggaaag	agataagctg	gaaagaaatt	gtgtgctatg	gcaaattttt	

atactacttt taggcaa

197

<210> 11890

<211> 415

<212> DNA

<213> Homo sapiens

<400> 11890

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gtttaaaaag	catgcntcam	catargagwa	gcagcaatgt	aattatttga	agtaacactt	360
aacacactcc	gctgcattga	atgcagtgga	ttgatcagaa	tgtaagact	gacat	415

<210> 11891

<211> 360

<212> DNA

<213> Homo sapiens

<400> 11891

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<210> 11892

<211> 535

<212> DNA

<213> Homo sapiens

<400> 11892

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tamgctttta	aatacctagt	taagaggatg	atttctcttt	aatcgtttaa	atgttctgaa	180
aattaaaatc	ttttgaggca	catgaagtgg	gcacatata	tcacttagag	tccttactgg	240
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<210> 11893

<211> 149

<212> DNA

<213> Homo sapiens

<400> 11893

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 gtgcctcctt tggttaaata ctagtagttc atatgtcgga aactcatcct tcattttctt 240  
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<210> 11895  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 11895  
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 ataaatatta aaatggatgt tttcatcaga aaattttcat gttttccttt aaggtaacat 180  
 aattgtaaga attgtttaat aaaatactca ggaaattcta aaggtttctc ccaataccta 240  
 aacatttctg aacatcagta ttgcagttgt ggaagagcag aaggaggata catttgtttg 300  
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<210> 11896  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 11896  
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 atgttgagat aggagggtt atcttgggtga ctttgggatg ctggtttcat ttaggtata 180  
 attatgcaaa gcaaagaatc caggaaagaa ttgccagaga agaaattaaa aagaagatat 240  
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<210> 11897  
 <211> 521  
 <212> DNA  
 <213> Homo sapiens

<400> 11897  
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 ctccagggtta ggccgagctt tgcgggaaag cagcggactt gaaaatactg gaaatctgtc 180  
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 ccaaagagca caatgagtac aagaaagcgt sgtggtggag caataaattc tagacaagct 360  
 cagaagcgaa ctcggaagc aacctccacc cccgagatct ccttggaagc agaaccata 420  
 gaactcgtgg aaactgctgg agatgaaatt gtggacctca cttgtgaatc tttagagctg 480

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521

<210> 11898

<211> 174

<212> DNA

<213> Homo sapiens

<400> 11898

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<210> 11899

<211> 319

<212> DNA

<213> Homo sapiens

<400> 11899

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gcctatttag	agttggaagt	tgaacagctg	ttgcattaca	tacttttgct	tttttattga	240
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<210> 11900

<211> 204

<212> DNA

<213> Homo sapiens

<400> 11900

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caaaattgtt	ttttcacact	aacaaatgtg	tatatggaga	agagggctca	tgtgatgatc	180
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<210> 11901

<211> 377

<212> DNA

<213> Homo sapiens

<400> 11901

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tttgaagggt	aaatactgtc	atcaagtttg	atcaccagga	ctgttttagtt	ttccttaaaa	180
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agtgtatgcc	aggcataatt	tggttacaagc	aacgaatttt	caaactttaa	ctgtatctct	360
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<210> 11902

<211> 120

<212> DNA

<213> Homo sapiens

&lt;400&gt; 11902

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&lt;210&gt; 11903

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11903

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&lt;210&gt; 11904

&lt;211&gt; 104

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11904

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&lt;210&gt; 11905

&lt;211&gt; 457

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11905

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acagatccaa	aatagaatca	gattatctct	ttttttctaa	aggagagaaa	gacttagaac	180
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catatacatc	ttacctcatt	tcaagtgaat	tatttttaatc	ttttcctctc	tttccaaarn	420
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&lt;210&gt; 11906

&lt;211&gt; 143

&lt;212&gt; DNA



<213> Homo sapiens

<400> 11906

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<210> 11907

<211> 244

<212> DNA

<213> Homo sapiens

<400> 11907

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ggtcagggtt	tcacgctctt	acttcctgcc	ttgtccgcga	gcgcctggaa	aatagaggcc	180
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<210> 11908

<211> 148

<212> DNA

<213> Homo sapiens

<400> 11908

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<210> 11909

<211> 472

<212> DNA

<213> Homo sapiens

<400> 11909

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gaagctcacc	ttctggggct	cttctgggaa	aatagaggtc	aacgtggagg	taccaggcca	180
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<210> 11910

<211> 468

<212> DNA

<213> Homo sapiens

<400> 11910

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gcgcgtact	aattggtgct	agccgtctgc	ggggggcggg	gtgaagctgt	gatggacatt	300
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ttctcccaga	taccttcttt	accaaaaaag	caatcctaac	tgctccgt		468

<210> 11911  
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 <212> DNA  
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ggaaataayt	gtccaagtat	atatctcgtc	ttctttcttg	taactttgat	taaactgctt	180
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<210> 11912  
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caagtcttgt	cagttcgtgc	cctctttccc	catgttcctt	gggaagacgg	gtggtggcag	300
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caataagaaa	gctctttcag	tttttttggg	atactgaatc	tctgtgaaaa	tggtaggatg	180
ctttcttcca	ttttacaaaa	taggaaattt	aggcataagg	agagaacttc	tccaaggccg	240
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 <213> Homo sapiens

<400> 11914						
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